

Bulletin

No. 7 34th year

University of Toronto

Monday, November 10, 1980



It's taken 10 years to put together an extraordinary art show valued at \$255 million 3

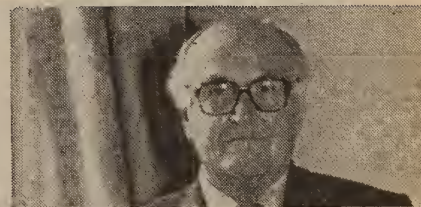
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\$3 million to be cut from 81-82 budget

The University will suffer a preliminary budget cut of at least \$3 million, according to the guidelines that indicate policies, procedures, and priorities to be followed in developing the 1981-82 budget. The guidelines were endorsed Oct. 20 by the Planning & Resources Committee.

In keeping with the two-part process established last year, initial cuts will be made, then some divisions will receive reallocated funds. Decisions in both phases will be determined by criteria set out in the budget guidelines. Also, this year, an "evaluation" phase has been added to assess the effectiveness of previous decisions and to link them to longer-term objectives.

For teaching and research programs, differential budget decisions will be based first on quality and desirability, and second on the practicability of making reductions.

For administrative support activities, differential budget decisions will be based on adequacy rather than excellence, said Harry Eastman, vice-president (research and planning) and registrar. That distinction, he warned, might result in larger preliminary cuts for administrative support activities.

Graduate student Tom Simpson said he hoped cuts in the area of student services would not result in students being forced to pay higher incidental fees. Vice-President Eastman was unable to offer any reassurances.

"Cuts and reallocations must be made in the context of substantial uncertainty. We don't even know *when*, let alone *what*, we'll hear from the Ontario government; however, their policy of financial restraint is likely to continue."

Outlining other factors on which the University could only speculate at this stage, he mentioned salary increases, the rate of inflation, the contribution to pension funds, and the cost of utilities, which some predictions indicate may rise as sharply as 19 percent. Also undetermined is income based on enrolment as well as income from investments and endowments.

"The process of developing the budget must be flexible initially and capable of continuous refinement as critical information becomes available and more precise," said Eastman, adding that the \$3 million figure is not a final amount and does not constitute the entire amount that will be made available for reallocation.

Expenses to be protected as much as possible from cuts include library acquisitions, graduate fellowships, undergraduate scholarships, and base budget bursaries.

The purpose of reallocation will not be to restore what was cut but rather to develop and improve programs and services, to respond to new interests and needs, to maintain the quality of excellence of academic programs, and to accommodate obligations including:

- inflation on utilities

- tuition waivers
- compliance with Atomic Energy Control Board monitoring regulations and with occupational health, safety, and environmental regulations
- University entrance scholarships
- research leave commitments for academic administrators

To qualify for reallocation for non-obligatory items, a division must submit a specific proposal to implement an initiative consistent with that division's plan as approved by the Planning & Priorities Subcommittee. Funds duly awarded may not be used for any other purpose.

Priorities of each division are outlined in the report of the Planning & Priorities Subcommittee. Exceptions are the Faculty of Arts & Science, the School of Graduate Studies, and Woodsworth College, who have not completed their plans. Until their respective plans have been submitted, only the following proposals will be eligible for consideration:

- from Woodsworth College, promotional expenses and the graduate diploma program in gerontology
- from the School of Graduate Studies, the Centre for South Asian Studies, the McLuhan program, the external examiners program, and the faculty-

student relations fund

- from the Faculty of Arts & Science, the English language proficiency testing program (including colleges), the study abroad program in Strasbourg, and provision for major increases in instructional activity

Alumnus Jordan Sullivan said the guidelines were "excellent in almost every way except they don't come to terms with the University's problem of tenured staff."

"All the other fat is out of the system. Until this issue is faced, we'll continue to cut to the bone and continue to slip into mediocrity."

Budget cut provokes criticism

by Pamela Cornell

By announcing an initial budget cut of \$3 million for 1981-82, the University runs the risk of confirming public suspicions that there's still fat, says John Leyerle, dean of the School of Graduate Studies (SGS).

"We've reached the point in this business of budgeting where we must switch from a compression model to an excision model. It's harsh, but that's reality."

"Right now, the University is quietly starving and no one's paying much attention. Maybe if we started cutting programs, it would show just how much the University is hurting. It might even provoke a public outcry."

Arthur Kruger, dean of the Faculty of Arts & Science, says he has had preliminary indications that he will have to cut the budgets of his 29 departments by an initial \$1,268,000.

"It's just ridiculous," he says. "And what's really silly about these budget guidelines is that they restrict the reallocation of funds to new purposes only, and not to restore what has been destroyed by the initial cut."

As a hypothetical example of how that rule might work, Kruger suggests that to meet initial budget reductions, he might have to cut an established program, such as French-Canadian literature.

"Then when reallocations were being considered, we couldn't ask for money to restore that program but we could put forward a proposal to start teaching Vietnamese."

"The priorities we have in operation have evolved after much deliberation. Now these rules will force us to do something lower on the list of priorities."

Harry Eastman, vice-president (research and planning) and registrar,

says that when a division makes its budget submission, it reacts to the initial cut and also indicates what its real priorities are where reallocations are concerned.

"So the initial cut is made with full knowledge of what's likely to happen at reallocation time. That doesn't mean the cut *won't* be made or a reallocation *will* be made. Both have to be measured against priorities in other divisions."

In any case, says Eastman, a reallocation for Vietnamese would be out of the question since no such proposal appears on any plan. Also, because the arts and science plan has not been completed, that faculty is limited to requesting reallocation funds for only three purposes: English proficiency testing; the study abroad program in Strasbourg; and provision for enrolment increases since 1978.

Woodsworth College has also been limited in the purposes for which it will be eligible for reallocation funds, as has the School of Graduate Studies because, like arts and science, neither has submitted an official plan. Woodsworth principal Peter Silcox is indignant about being "lumped in" with the other two.

"They've known for several years now that they were responsible for coming up with a plan but we haven't a single letter on file from the central administration asking us to submit a plan. In fact, that was one of the first things I asked about when I first became principal three and a half years ago and I was told there would be no need for a plan because the college was just presenting courses provided by other faculties and departments."

"So I'm not prepared to accept restrictions in Woodsworth's reallocations and I don't intend to limit our submission."

Silcox says he hopes to produce a draft plan this term though the college is "not exactly flush with staff and it's not as

though there's nothing else to do."

Another aspect of the budget guidelines that particularly concerns him is the ruling that budget cuts must not result in reduced income to that division.

"We have to make an initial cut of about 1.5 percent and I just don't know how we're going to manage it, especially when it comes to our summer program."

Kruger also resents being "penalized" for not having completed an official plan.

"The scale of planning in this faculty is larger than for most universities and when our plan is completed, I think the administration will have to admit that the degree of sophistication is way ahead of the other divisions."

Because of the size and complexity of the Faculty of Arts & Science as well as the fact that all three campuses are affected, the planning process is being handled through the office of Vice-President and Provost David Strangway. Kruger estimates that his faculty's plan will be ready for submission to the planning subcommittee sometime in the spring. Leyerle says the SGS plan will probably be submitted later this month.

As for this year's substantial arts and science budget cut, Vice-Provost William Saywell acknowledges that the initial figure of \$1.2 million is high but he adds that there are two items in the budget guidelines under which the faculty could be eligible for very substantial relief.

"One is the provision for bridge funding," says Saywell, "and the other is related to enrolment pressure because arts and science is well over target."

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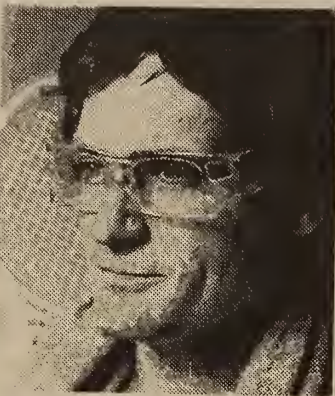
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New site proposed for radioactive waste

The University hopes to transfer low-level radioactive waste now stored at 1 Spadina Cresc. to an underground site adjacent to the McLennan Physical Laboratories on Russell St.

The proposed site still awaits formal approval in principle from the Atomic Energy Control Board (AECB) which asked the University to find larger accommodation for the waste last spring, says Professor K.G. McNeill, chairman of the University's radiation protection authority.

Once approval is secured, the University will launch an information program to allow public discussion of the planned move, in accordance with the federal regulatory body's rules.

Preparations are also under way to transfer chemical waste now kept at the controversial Spadina Cresc. location to a new disposal site on University land in Downsview.

Radioactive waste contained beneath 215 Huron St. and in the old linear accelerator (LINAC) building on Russell St. will continue to be stored at their present locations, with shipments of the material periodically transferred to a federal site in Chalk River.

The material stored in the basement of 215 Huron St. is kept in a specially constructed shielded area and is reserved for waste that has higher radioactive levels than the material at Spadina Cresc. The LINAC building on Russell St. still contains some material left from when it housed research with high energy radiation from the mid-60s to mid-70s.

A recent AECB release says it has inspected all three storage facilities and has concluded the health and safety of personnel, students and general public in the immediate vicinity are not being compromised. However, the federal regulatory agency says it asked the University to remove and separate the

chemical and radiation waste at 1 Spadina Cresc. so that the chemical waste could be equipped with better ventilation and the radioactive waste can occupy a larger space.

The University's current licence has been extended until the end of November, at which time it is expected the University will receive a new licence to cover present operations for the next year.

Vice-president of personnel and student affairs, William Alexander, responding to questions on the safety issue raised by Governing Council student representative Cam Harvey, told the last council meeting Oct. 16 that the physical and chemical waste at 1 Spadina Cresc. is expected to be housed into two new storage units by mid-1981. The other two sites were not discussed in his report, he says, since he was responding to specific questions raised by Harvey about the 1 Spadina unit.

One of Harvey's comments that was unresolved in Alexander's report was that radiation workers at the University were not protected under Ontario's Occupational Health & Safety Act and that this could compromise their safety on the job.

The provincial Ministry of Labour recently advised the University that radiation workers are covered by the legislation. "The fact that they use in their work substances that are regulated or licensed by the Atomic Energy Control Board does not alter their status as employees of the University. For some aspects of their work they may be subject to the board's regulations but their status as employees of the University to whom the act applies is not affected," Paul Hess, director of the ministry's legal services, has told the University in a written response.

AAAS to meet in Toronto

"Science and Technology: Bridging the Frontiers" will be the theme for the 147th national meeting of the American Association for the Advancement of Science (AAAS) to be held Jan. 3 to 8, in Toronto. Headquarters for the meeting will be the Sheraton Centre and Royal York Hotels.

The importance of science and technology in an increasing range of activities is shown in the meeting's sub-theme, "Directing Science Toward Peace". This part of the program will feature symposia on weapons systems and arms control, negotiation, non-proliferation, science and international problems, and the role of scientists in nuclear weapons development.

Over 140 other symposia will include such topics as genetics, climate change, exploration of the solar system, lead in the environment, aging, machine intelligence, lasers, child health, North

American energy systems, and achievement testing.

Northrop Frye will open the meeting with the keynote address Jan. 3.

The AAAS, formed in 1848, is the largest general scientific organization in the United States. It currently has some 130,000 individual members who are scientists, engineers, and others interested in science, and about 300 affiliated scientific and engineering societies and academies of science.

Several thousand people attend the association's national meeting which is held in a different city each year. The association last met in Toronto in 1921.

For registration information, write or telephone the Ontario Science Centre, 770 Don Mills Rd., Don Mills, Ont., M3C 1T3 (429-4100, ext. 175).

Ontario graduate scholarship program

The Fellowship Office advises students intending to apply for Ontario Graduate Scholarships that application forms have been distributed to departmental graduate secretaries. Deadline date for submission of applications to departments is *December 1, 1980*.

A limited number of scholarships may be held by visa students and recent landed immigrants. Again, as in the past

three years, visa students receiving OGS will be exempt the increased visa student fee.

Students are reminded that, if eligible under the terms, they must apply for an Ontario Graduate Scholarship if they wish to be considered for a U of T Open Fellowship.

Van Gogh and the birth of cloisonism

A decade of research has led to one of the most important art shows ever seen in Canada



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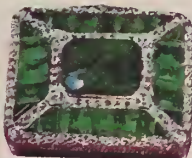
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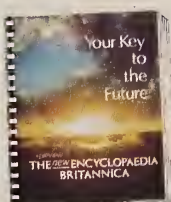
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Erinac College, putting this show together has been an arduous but enviable experience in her career as an internationally recognized scholar of van Gogh and post-impressionism. With today's skyrocketing art prices, prohibitive insurance premiums make it unlikely such a significant segment of post-impressionist art will ever be re-united again.

Last spring, a van Gogh was auctioned for \$5.2 million (US). Total value of this upcoming exhibition is \$255 million, on which the gallery has paid an insurance premium of \$338,000.

Described by the AGO as one of the most important art shows ever to be seen in Canada, this is not just a retrospective, with the works of one artist hung in chronological order; rather, it illustrates a complex scholarly thesis about influences on van Gogh's work and his influence on other artists of the time, as

Garden, and The Loss of Virginity; and 27 by Emile Bernard — including *Breton Women in a Field*.

The term cloisonism originally referred to such art forms as medieval enamels, stained glass windows, and oriental vases. Towards the end of the 19th century, however, it came to be applied to the paintings of certain artists.

Cloisonism on canvas is characterized by flat forms enclosed in darker contouring outlines, by broad areas of pure colour, and by simplified, generalized images. The style is immediately recognizable in the mature work of van Gogh, Gauguin, and Bernard, as well as of Henri de Toulouse-Lautrec, Georges Seurat, Paul Signac, Jacob Meyer de Haan, Charles Laval, and Paul Serusier — all of whom will be represented in the show.

"Colour is probably the most important aspect of post-impressionists' influence

secondary colour purple, or the primary colour blue with the secondary colour orange.

When viewed from a distance, they would be mixed by the eye. A luminous grey, for instance, could be produced by combining red and green dots in a particular way.

"Using that theory as a jumping-off point, van Gogh and Gauguin explored colour as an arbitrary and independent means of expression," says Welsh. "Gone were the so-called binaries — the traditional muddy Renaissance browns and ochres, mixed on the palette."

Whereas sombre themes and murky colours had characterized such early van Gogh paintings as *The Potato Eaters*, his later works combined joyful images with vibrant colours, as in *The Sunflowers*.

Van Gogh's transition to a more simplified art form took place during the

Henri de Toulouse-Lautrec and Louis Anquetin, a little-known but pivotal artist — the first modern French painter to be called a cloisonist.

In 1887, Japanese prints were fashionable in Paris and van Gogh bought as many as he could afford. Design elements derived from these prints, along with an exploration of colour theory, are evident in Anquetin's 1887 paintings *Avenue de Clichy* and *La Moisson*. Exhibited publicly in 1888, these works earned him the reputation of founding the cloisonist style of painting.

"I think this exhibition will bring out, for the first time, how important Anquetin was," says Welsh. "Viewers will see immediately how his *Avenue de Clichy* influenced van Gogh's 1888 painting *The Cafe Terrace on the Place du Forum, Arles*."

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Van Gogh and the birth of cloisonism

A decade of research has led to one of the most important art shows ever seen in Canada

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When a Paris art critic reviewed the Louis Anquetin exhibition that featured *Avenue de Clichy* (above), he applied the term "cloisonism" to the innovative style — characterized by simplified images, dark contouring outlines, and broad areas of pure colour. Anquetin's influence on Vincent van Gogh is evident in *The Cafe Terrace on the Place du Forum, Arles*, painted a year later, in 1888.

KROLLER MULLER MUSEUM, OTTERLO, THE NETHERLANDS



by Pamela Cornell

When the major exhibition *Vincent van Gogh and the Birth of Cloisonism* opens Jan. 24 at the Art Gallery of Ontario (AGO), guest curator Bogomila Welsh will finally be able to stand back and appreciate the results of 10 years of research and three years of planning and pleading.

For Welsh, a fine art professor at Erindale College, putting this show together has been an arduous but enviable experience in her career as an internationally recognized scholar of van Gogh and post-impressionism. With today's skyrocketing art prices, prohibitive insurance premiums make it unlikely such a significant segment of post-impressionist art will ever be re-united again.

Last spring, a van Gogh was auctioned for \$5.2 million (US). Total value of this upcoming exhibition is \$255 million, on which the gallery has paid an insurance premium of \$338,000.

Described by the AGO as one of the most important art shows ever to be seen in Canada, this is not just a retrospective, with the works of one artist hung in chronological order; rather, it illustrates a complex scholarly thesis about influences on van Gogh's work and his influence on other artists of the time, as

well as on the development of modern art.

Many of the 150 paintings in the show are familiar from popular reproductions and from art history texts. Among the works are 40 by van Gogh — including *La Berceuse*, *The Yellow House*, *The Sunflowers*, and *The Bedroom at Arles*; 40 by Paul Gauguin — including *Self Portrait: Les Misérables*, *Agony in the Garden*, and *The Loss of Virginity*; and 27 by Emile Bernard — including *Breton Women in a Field*.

The term cloisonism originally referred to such art forms as medieval enamels, stained glass windows, and oriental vases. Towards the end of the 19th century, however, it came to be applied to the paintings of certain artists.

Cloisonism on canvas is characterized by flat forms enclosed in darker contouring outlines, by broad areas of pure colour, and by simplified, generalized images. The style is immediately recognizable in the mature work of van Gogh, Gauguin, and Bernard, as well as of Henri de Toulouse-Lautrec, Georges Seurat, Paul Signac, Jacob Meyer de Haan, Charles Laval, and Paul Sérusier — all of whom will be represented in the show.

"Colour is probably the most important aspect of post-impressionists' influence

on the moderns," says Professor Welsh.

In the 1830s, French chemist Michel Eugene Chevreul (1786-1889) had worked and written on a theory of colour contrasts. Chevreul talked about the striking optical sensations that could be produced by juxtaposing complementary colours — for example the primary colour red with the secondary colour green, the primary colour yellow with the secondary colour purple, or the primary colour blue with the secondary colour orange.

When viewed from a distance, they would be mixed by the eye. A luminous grey, for instance, could be produced by combining red and green dots in a particular way.

"Using that theory as a jumping-off point, van Gogh and Gauguin explored colour as an arbitrary and independent means of expression," says Welsh. "Gone were the so-called binaries — the traditional muddy Renaissance browns and ochres, mixed on the palette."

Whereas sombre themes and murky colours had characterized such early van Gogh paintings as *The Potato Eaters*, his later works combined joyful images with vibrant colours, as in *The Sunflowers*.

Van Gogh's transition to a more simplified art form took place during the

two years he spent in Paris, where he moved in 1886 at the age of 33. There he lived in Montmartre with his married brother Theo, who ran a private gallery displaying works by young, unestablished artists — among them, Seurat, Signac, and Gauguin.

Inspired by what he saw, van Gogh joined the school of Fernand Cormon and became friendly with fellow students Henri de Toulouse-Lautrec and Louis Anquetin, a little-known but pivotal artist — the first modern French painter to be called a cloisonist.

In 1887, Japanese prints were fashionable in Paris and van Gogh bought as many as he could afford. Design elements derived from these prints, along with an exploration of colour theory, are evident in Anquetin's 1887 paintings *Avenue de Clichy* and *La Moisson*. Exhibited publicly in 1888, these works earned him the reputation of founding the cloisonist style of painting.

"I think this exhibition will bring out, for the first time, how important Anquetin was," says Welsh. "Viewers will see immediately how his *Avenue de Clichy* influenced van Gogh's 1888 painting *The Cafe Terrace on the Place du Forum, Arles*."

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Van Gogh

Continued from Page 3

Envisioning the impact of actually displaying these and other related paintings together is something Welsh has been doing for years. She sometimes had difficulty, though, conveying her vision to others.

Tenacity was essential in putting together a show that would be "as close to perfect as possible". Occasionally, transatlantic trips were required to explain personally to art collectors the scholarly importance of bringing certain works together.

One of the hardest to convince was a private collector in France. He owns Anquetin's *The Harvest*, which had hung in that key exhibition in 1888. Since then, those paintings have not been shown together.

For years, *The Harvest* had been listed as lost. Then Welsh traced it to France and began a relentless campaign to convince the collector to lend it. He consistently refused so, in desperation, she requested and was granted an interview.

He was gracious but firm as he showed her the coveted work. Seeing it at last was an intense moment for Welsh. So emotional did she become that, when being ushered out by the adamant owner, she broke down and wept.

The man was stunned. As he stared wordlessly at the distraught foreign visitor, his wife appeared on the scene.

She immediately took her husband aside, chided him for his hard-heartedness, and insisted he grant the art historian's wish.

Hearing the news, Welsh burst into tears again, a phenomenon she assures listeners is "not like me at all".

Another of her "great passions" has been trying to unite, for the first time, a triptych about which van Gogh wrote profusely from Arles to his brother Theo.

"Vincent envisaged *La Berceuse* (known in North America as *The Woman Rocking the Cradle*) as a kind of madonna — flanked on either side, not by saints in the traditional manner, but by two beautiful, vibrant still-lives of sunflowers.

"That ambition was never achieved in his lifetime, nor since. Now it looks as though it will be, at least barring some unforeseen hitch."

Negotiations for each of the show's 150 paintings spanned an average of five months and filled a fat dossier with correspondence. Mounted in cooperation with the Rijksmuseum Vincent van Gogh in Amsterdam, the exhibition will receive its only North American showing at the AGO. In fact, the only other showing in the world will be in Amsterdam, after the March 22 closing in Toronto.



RIJKSMEUSEM VINCENT VAN GOGH, AMSTERDAM

While van Gogh was studying art with fellow students Toulouse-Lautrec and Anquetin, Japanese prints were all the rage in Paris. Their design elements and focus on nature proved a substantial source of inspiration to the young post-impressionists. The print above, *Japonaiserie*, painted by van Gogh in 1887, was from his own extensive collection.



CIVICA GALLERIA D'ARTE MODERNA DI MILANO

The van Gogh watercolour *Breton Women in the Meadow* (above) was copied after a painting by Emile Bernard, who painted *Bridge at Asnières* (below). Both works are superb examples of cloisonism's flattened perspective and bold simplicity.



MUSEUM OF MODERN ART, NEW YORK



RIJKSMEUSEM VINCENT VAN GOGH, AMSTERDAM

Though Paul Gauguin's name does not appear in the title of this exhibition, his paintings will be as numerous as van Gogh's. Among them will be his familiar *Self Portrait: "Les Misérables"* (1888).

Search committee for chairman of classics

A search committee has been established in the Faculty of Arts and Science to recommend a chairperson, effective July 1, 1981, for the Department of Classics.

The membership of the committee is: Dean A.M. Kruger, Faculty of Arts & Science, *chairman*; Professors R.L. Beck, Humanities, Erindale College; D.J. Conacher, Department of Classics; L.E. Woodbury, Department of Classics; R.J. Tarrant, Department of Classics; J.M. Bigwood, Department of Classics; Sister Mechilde O'Mara, Department of Classics; G.V. Sumner, Department of Classics; R.M. Savory, Department of Middle East & Islamic Studies; Jill Webster, associate dean, Faculty of Arts & Science; J.F. Burke, associate dean, SGS representative.

Nominations may be made to the chairman of the committee, either verbally or in writing, or to any member of the committee.

U of T pharmacy professors contribute to Remington

Professors David R. Kennedy and J. Graham Nairn of the Faculty of Pharmacy contributed one of the chapters in the 16th edition of *Remington's Pharmaceutical Sciences*, just off the press—“Solutions, Emulsions, Suspensions and Extractives” (pages 1438-1462). The invitation to be part of this remarkable encyclopedic reference work represents a distinct honour, particularly since the Toronto pair are the only Canadians among the 90 authors and editors responsible for the more than 100 chapters in this tome.

First published in 1885, *Remington*—as this bible of many pharmacists and pharmacy students is usually referred to—nears the century mark; the institution with which it remains associated, the Philadelphia College of Pharmacy and Science, this year celebrates its 160th birthday, making it the oldest body of its kind in the English speaking world. Dr. Kennedy first joined the staff in a permanent capacity at Toronto in 1955, and Dr. Nairn in 1958.

Change in CIS review committee

Because of prior commitments it was not possible for Professor R.M. Bird, Institute for Policy Analysis and Department of Political Economy to serve as a member of the School of Graduate Studies' review committee for the Centre for International Studies (*Bulletin*, Oct. 6). Professor Bird's replacement on the review committee is Professor G.K. Helleiner, Department of Political Economy.

Correction

An article on remedial writing courses in the Oct. 20 *Bulletin* incorrectly referred to the programs at Innis and Woodsworth Colleges as reading programs. At both colleges, structured self-help writing programs are underway to assist students.

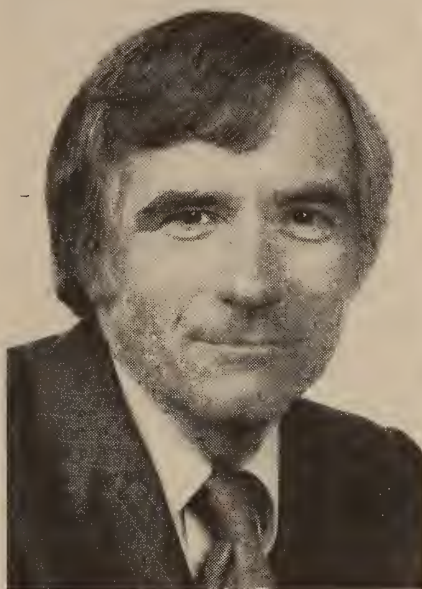
Appointments

New appointments at Erindale

Professor R.W. Van Fossen has been appointed vice-principal (academic) effective July 1, 1980 to June 30, 1982. Prof. Van Fossen also serves as associate dean of humanities and part-time studies.

Van Fossen has an AB and AM degree from Duke University and a PhD from Harvard University; he has also taught at both universities. He came to U of T in 1970 as a professor of English.

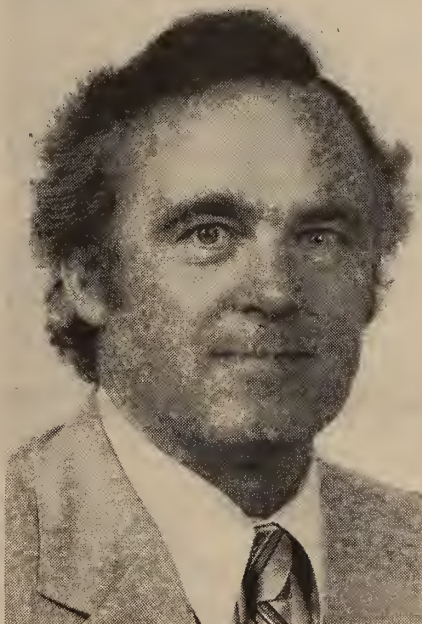
Van Fossen is editor of the journal of the Canadian Society for Renaissance Studies, *Renaissance and Reformation/Renaissance et Réforme*. He is also a trustee of the Shakespeare Association of America and chairman of its program advisory committee for 1981. Prof. Van Fossen has also been involved in editing plays by Shakespeare's contemporaries.



Professor J.J. Fawcett has been appointed associate dean (sciences), Erindale College, effective July 1, 1980 until July 1, 1983.

Prof. Fawcett received his BSc and PhD from Manchester University. He came to U of T in 1964. Prior to his appointment as associate dean, he was a professor in the Department of Geology and associate dean (physical sciences), School of Graduate Studies.

Fawcett's area of expertise is the duplication of high temperatures and pressures within the earth's crust and their effects on rocks and minerals. Some of the committees and organizations on which he has served are the National Research Council Subcommittee on Volcanology, the Geological Association of Canada and the Mineralogical Association of Canada. He is currently the managing editor of the *Journal of Petrology*.



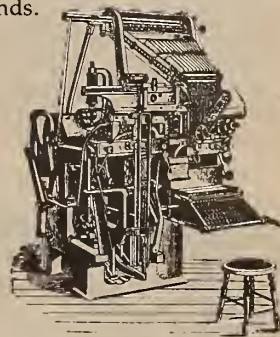
Professor L.J. Brooks, Department of Commerce, Erindale, has been appointed associate dean (social sciences), for a three-year period effective July 1, 1980.

Prof. Brooks has a BCom and an MBA from U of T. He also has a degree in chartered accountancy from the Ontario Institute of Chartered Accountants. He has been a member of the Department of Political Economy at U of T since 1974.

Brooks is chairman of the Inter-Provincial Board of Examiners of the Canadian Institute of Chartered Accountants, chairman of the treasury department of the United Church of Canada, and vice-president of the Canadian Academic Accounting Association.

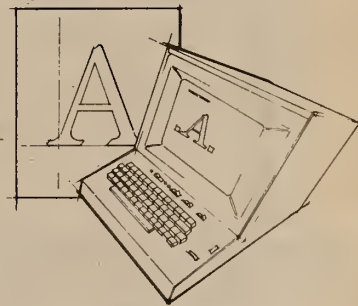
Press Notes

The last thing one might expect to find in a large, dark, greasy printing plant is a tiny paradise of enlightened literacy. Yet that was what seemed to confront you on your first visit to the University of Toronto Press years ago. Tucked away amidst massive, obstreperous presses and grimy milling bodies was a quiet corner of compact efficiency where a single man was engaged with a single machine. The man was an elderly Irishman who interrupted his precise motions only occasionally to consult his compositors' manuals; his machine was a Linotype, a noble companion which seemed to respond with clattering and immediate eagerness to his commands.



That sense of careful craftsmanship was not to be forgotten, and we learned with regret recently that the Linotypes at the University of Toronto Press had become the concern solely of Sunday-afternoon hobbyists. Was this to be the end of the old values and the old skills in a trade which had been called the 'voice of the printed page'? Was the new voice to be smooth and syrupy; was it to be as filled with half-truths and insincerity as it was with computer cliché and jargon?

For most of this century, high above the clatter of Monotype and Linotype machines, the old voice had always made itself heard at the Press, speaking for the delicacy and clarity of the typographic art. Will the smoothly purring technological monsters of the 1980s drown the sound of a voice crying for precision and aesthetic quality?



The answer, of course, lies not with the machines but with the men who work them. It lies with the craftsmen who, though they lose Monotype, Linotype or even phototype equipment, will recognize that contemporary means must be used for timeless ends. They are the ones who, armed with all the sensitivities of tradition, must face the new technology and attempt, as A.R. Turnbull urges, 'to civilize the idiot machines to which we have entrusted that one quality—language—that alone distinguishes man from beast.'

And, we are happy to report, while a different Irishman now guides the typesetting operations at the Press, he has maintained that same concern for efficiency, quality and appearance that made such an impression years ago.

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U of T Quarterly celebrates 50th year

By Sarah Henry

"The old ideal of a 'gentleman's magazine', described by our forefathers as amusing because it was reminiscent of all the nine Muses, and instructive because it was concerned with serious topics competently treated — this ideal is still perhaps the best pattern for a quarterly which is intended to be neither vocational nor technical and yet remains within the limit of scholarship and academic interests."

G.S. Brett, editor
University of Toronto Quarterly
Volume 1, Number 1
October, 1931

"This is the age of the highly specialized academic newsletter, devoted to individual authors (major or minor) or historical periods or the erudite subdivisions of larger intellectual fields of study. It is our policy to avoid publishing articles that would find a more suitable and appropriate readership in such periodicals.

We prefer essays that are 'learned without pedantry' etc., that are likely to interest as wide a range of academic readers as possible. If they cross disciplines or the chasms that sometimes seem to open up between easily recognizable chronological periods, so much the better."

W.J. Keith, editor
B.-Z. Shek, advisory editor
University of Toronto Quarterly
Volume 50, Number 1
October, 1980

Half a century, these quotes would suggest, isn't such a long time in the history of a university journal. For while the approaches adopted by *Quarterly* editors over the years may have differed, the essence of the enterprise — to comment on, scrutinize, and otherwise reflect the country's creative life — has remained constant.

Half a century is, nevertheless, an important landmark, a time for reflection

as well as celebration. To commemorate its 50 years' service to Canada's intellectual community, editors Keith and Shek have rounded up 13 cultural commentators to lend their own perspectives to the past five decades of the arts in Canada.

In addition to the traditional *Quarterly* format, the special 50th year issue has also been published in pocketbook form in hopes of reaching as wide a readership as possible.

The articles represent a highly subjective cataloguing of reflections, say the editors, most of them characteristic of the specialists who wrote them. "It isn't a homogeneous official report at all. It's very personal," says editor Keith. "It's spotty in the sense that it doesn't attempt to cover all the ground. But I think it's much more lively for it."

"We asked not for just a survey, but also the conditions of the time. For example, what are the prospects for a

writer or a painter in 1980 compared to 1930."

The issue includes a general cultural overview by University Professor Northrop Frye and University of Montreal professor of sociology and public law Guy Rocher; Canadian fiction is examined by novelists Hugh MacLennan and Gerard Bessette, poetry by poets Ralph Gustafson and Michele Lalonde; playwright and novelist Robertson Davies and playwright/director Gratien Gelinas offer their reflections on theatre; non-fiction is treated by writer/broadcaster George Woodcock and critic Jacques Allard; Godfrey Ridout, U of T professor, composer and musician looks at music; artist Aba Bayefsky and U of T professor and archivist at University College Humphrey Milnes write on fine arts. Finally the editors of the *Quarterly* provide an overview of the journal itself since its birth.

"The *Quarterly* began at a time when the University was developing very much as an important university in North America," says Keith. "Northrop Frye points out in his article that there was a breaking away of the old philological, dry, academic tradition, mainly concerned with the past, in order to deal with the past and present, and how the present arises out of the past."

"One of the things that surprises me is that the beginning of the '30s does not seem the time to start an ambitious journal. But perhaps it was the impact of the things that were going on that produced the feeling that one needed a kind of intellectual journal that was playing on both past and present."

Copies of the special issue are available in the University Bookroom.



THE
UNIVERSITY
OF CALGARY

DIRECTOR OF STUDENT SERVICES

Applications and nominations are invited for the position of Director of Student Services effective January 1, 1981.

The Director of Student Services reports to the President and is a senior university officer who will have general responsibilities for the provision of programs which enhance the educational well-being of students outside the classroom and which are integral to the university's goals of teaching, research and service.

The Director will have direct responsibility for the following: University Health Services, Student Counselling Services, Student Programs and Services, and Student Awards and Financial Aid.

The successful candidate will have demonstrated administrative abilities; an advanced degree and extensive university experience are highly desirable.

Letters of application should be accompanied by a *Curriculum Vitae* and the names and addresses of three references, and sent to:

Ms. C.J. Clarke
Executive Assistant to the President
President's Office
The University of Calgary
2500 University Drive N.W.
Calgary, Alberta, Canada
T2N 1N4

Workshops for TAs and faculty

The Office of Educational Development, in cooperation with the School of Continuing Studies, is sponsoring a number of workshops for faculty members and teaching assistants. On Nov. 20, Professor Gary Green of the Counselling Centre, Memorial University, will present a workshop designed as a professional development activity for staff involved in the academic counselling of students. Prof. Green will offer an additional "Learning Strategies Workshop" for faculty members on Nov. 21.

In addition to these workshops, the first of three lunch-time discussions will take place on Nov. 13 from 12 noon to 2 p.m. in the Innis College Town Hall. Each discussion group will focus on an issue of importance to University teaching staff.

There is no fee for enrolment in workshops or discussion groups. Further information is available from the Office of Educational Development (978-7009) or the School of Continuing Studies (978-7051).

New chief of police

T.A. Hagymasi has been appointed chief of the University of Toronto Police, succeeding J.B. West who has retired due to ill health.

Hagymasi was a member of the Royal Canadian Mounted Police for 28 years. During his service he held various administrative and operational appointments at a number of locations across Canada, retiring with the rank of staff sergeant.

The Cambridge Apostles

This society shaped much of Britain's intellectual life

By Pamela Cornell

The poet Alfred, Lord Tennyson, philosopher Bertrand Russell, economist Maynard Keynes, novelist E.M. Forster, even alleged Soviet agents Anthony Blunt and Guy Burgess all shared an experience that profoundly influenced their lives.

Every Saturday night during their respective undergraduate years at Cambridge, those men participated in discussions that were to spark several literary and intellectual movements in Great Britain, notably the Bloomsbury Group. The Saturday sessions were open only to members of an elite and legendary society known as the Cambridge Apostles.

Intrigued by the effect artists and thinkers could have on each other as a result of their social relationships, U of T English professor Peter Allen began reading the "witty, amusing, human letters" Cambridge Apostles wrote to one another after leaving the university.

His research led first to a book on the Apostles (Cambridge University Press, 1979) and now to his work on a history and theory of Great Britain's English-speaking intelligentsia. He is particularly interested in the transmission of "revolutionary" ideas—such as Darwin's theory of evolution—from small intellectual circles to the general public.

When it came to communicating ideas and opinions to a potentially contrary audience, the Cambridge Apostles were

unusually proficient, and with good reason.

Henry Sidgwick, a spiritual leader of the now 160-year-old society, said the two most essential components of its tradition were "a belief that we *can* learn, and a determination that we *will* learn, from people of the most opposite opinions."

The most important underlying principle, says Prof. Allen, was the recognition that personal experience often plays a greater role in shaping an individual's views than does intellectual reasoning.

"Any thoughtful person is aware that his opinions are not all alike in value. Some of the things we think we believe, especially when we're young, turn out to have been borrowed for the time being, while others express some of the most fundamental principles of our personalities."

"A useful test of opinions is to explain them in terms that can be shared by someone who thinks quite differently and to accept that his opinions may be based on perceptions as valuable as our own. Not only can we learn more about ourselves from such an interchange, we learn to recognize the valid human needs that may underlie opinions we can't share."

So, far from trying to score debating points during their discussions about the central problems of human life, the Cambridge Apostles were engaged in a patient exploration of why people think what they do.

"Absolute candour," said Sidgwick,

"was the only duty that the tradition of the society enforced. No consistency was demanded with opinions previously held."

Said another member: "No society ever existed in which more freedom of thought was found, consistent with the most perfect affection between the members; or in which a more complete tolerance of the most opposite opinions prevailed... The affectionate intercourse of that brotherhood... is the basis upon which some of my most valued friendships have been founded."

Careful selection of members was essential to maintaining the "Apostolic" spirit. Only persons of outstanding academic achievement and appropriate character were considered and then unanimous approval was required before a candidate could be invited to join.

From 1820 to 1850, the society's affairs were private, but no attempt was made at secrecy, and people at Cambridge generally knew who the Apostles were. When the group acquired an unwanted high profile, it went underground. Now outsiders are not supposed to know whether it still exists, let alone its current membership.

Allen knows but he's not telling, though he is willing to divulge that the society admitted its first female Apostle in 1950 and other recent members are now highly placed in politics, journalism, and the civil service.

Motivation, not technology, the key to fertility decline

In an effort to curb the population explosion in the Third World, concerned organizations from developed countries began, about 25 years ago, to disseminate birth control information and materials. The assumption was that people would want to limit their families if they only knew how. So providing the means seemed a rational and humane gesture. It didn't work.

Motivation, not technology, is the key to fertility decline, says sociology professor Lorne Tepperman. He has been trying to put the problem of fertility control into an historical perspective by examining population trends since the early 19th century in selected parts of Canada.

Cape Breton Island, for example, was settled by Scots from the Highlands, where rugged terrain had meant a livelihood too sparse to sustain a large family. Even though, in the New World, population growth was conducive to economic growth, and vice versa, the Highland Scots continued to behave as they would have back home—marrying late (28 to 30), in this way ensuring fewer children than their French, German or Irish-Canadian compatriots were bearing. Lacking today's technology, some may have practised abstinence or *coitus interruptus*; but delayed marriage was, for the Highland Scots, the main way of limiting population growth.

Tepperman spent several years examining genealogical data on the Mabou pioneers, a group of Scottish Highland Catholics who settled in Inverness County in Cape Breton. From this data, he learned that, throughout the 19th century and into the 20th century, the average age when women married rose from already high levels, just as the average number of children they bore

declined. A brief period, in the early 19th century, departed from this pattern; probably greater prosperity and little population pressure on the land allowed the pioneers to marry somewhat earlier than in the Highlands (though not as early as other ethnic groups) and to bear more children. So the economy, then as today, influenced how many children people would bear.

Yet "Canada is remarkable for the startling persistence of ethnic groups and values, despite forces that could erode them," says Tepperman. "Traditions persist long after their economic basis has disappeared."

Tepperman also explored the relationship between fertility control and "modernization", which encompasses such phenomena as industrialization, urbanization, literacy, public education, health services, and the centralization and rationalization of the governing process.

"From a low life expectancy for northern Europeans in the 1600s, there were dramatic improvements between 1750 and 1850, in part at least because of improved nutrition, medical care, and sanitation. For about 50 years, the population ballooned, until people realized they'd have to cut either the number of children they were having or their standard of living."

A major influence on attitudes toward fertility control was the shift from a predominantly rural, agricultural society to one that was largely urban and industrial.

On a farm, children were cheap labour, so the larger the family, the greater the benefits. And perhaps, suggests Tepperman, farm people were resigned to being unable to control nature.

In contrast, he says, urban technology could conceivably give people a sense of

competence, of being able to control their own destinies through reason and machinery. Middle-class urban couples soon perceived that, by limiting family size, they could invest more in each child's education, thus expanding the child's socio-economic opportunities.

Today, despite longer life expectancies, Canada has achieved a fertility rate that would eventually lead to zero population growth, says Tepperman. But even before people had changed their minds about what constituted a good family size, the propensity to have large families was variable. Canada recorded its lowest birthrate during the Depression, and its highest during the relative prosperity of the 50s.

"Fertility decisions can be a barometer of the spirit, as well as of the economics of the times. The tendency to have no children at all indicates a culture of despair, of impotence. During the 60s, there was a general sense of purpose and potency. Now we feel politically inept—unable to control the many problems in our environment."

"Having a child means taking a blind leap into the future. It means betting that the world's going to survive. A decision not to have children connotes a fear of planning. It's saying, in effect, that the investment of time and money in someone else's future is not a good bet. That's a powerful indictment of the world as it exists."

"Lifestyle views fluctuate, though, so I doubt if the trend towards childlessness is permanent. But we'll never go back to having eight children unless there's a large-scale war or we're faced with the task of colonizing another planet."

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THE PRESS

Research News

Gerontology Research Council of Ontario.

The purpose of the council is to promote and support research in aging in Ontario. Support is provided at two levels: gerontology research scholarships and gerontology research fellowships.

Scholarships provide support for an investigator who has recently completed training in research and shows promise of ability to initiate and carry out independent investigation in a research area pertinent to gerontology or geriatrics. The candidate must hold an MD or PhD or equivalent degree and must have shown promise of attaining competence as an independent investigator. The candidate must also be a Canadian citizen or landed immigrant. Awards are tenable in universities or university affiliated hospitals in Ontario. The appointment as a scholar will be for a three-year period and may be extended for a further three years. The initial salary which will be provided is commensurate with salaries provided to scholars by the Medical Research Council. An operating grant of \$5,000 may also be given.

Fellowships are offered to highly qualified candidates for full-time training in research relevant to gerontology or

geriatrics. The candidate must hold an MD or PhD degree or equivalent. Priority will be given to applicants who are Canadian citizens or landed immigrants but applicants from foreign countries are eligible to apply providing training will be taken in Ontario and the application is sponsored by a geriatrics or gerontology investigator in an Ontario university. The awards are normally tenable in Ontario universities or affiliated institutions. Successful candidates are required to devote themselves for a period of 12 consecutive months wholly to the object of the award; the award may be renewed for an additional 12 months if satisfactory progress has been made. The value of the fellowships varies according to the degree held and years of experience from \$14,000 to \$22,000.

The deadline date for applications at the agency is *December 1*. For further information contact ORA at 978-2163 or the council's business office, c/o St. Peter's Centre, 88 Maplewood Avenue, Hamilton, L8M 1W9, telephone (416) 549-6525.

Human Nutrition Research Council of Ontario

The council, established through a grant

from the Provincial Lottery, has as its objective improvement in knowledge and practice of human nutrition by promotion and support of research and advanced training. For the fiscal year 1981-82 the council has available approximately \$250,000 to be used for research grants-in-aid. Grant requests may reflect more than one year of operation but policy with respect to continuity of funding has not yet been established.

The deadline for submission of applications is *December 1*. The provincial (Ministry of Health) health research grant application form 643-22 (8/79) is to be used. For further information contact ORA at 978-2163.

Institute of Public Administration of Canada

The goal of the institute is to improve the study and practice of public administration in Canada. Projects for research grants should qualify as studies of public policy, of public sector management or of public organization in Canada. Topics of particular interest at this time include government program evaluation, provincial governments, and municipal administration. Projects of a multi-disciplinary nature are welcome.

Applicants should be either public servants or academics. In the case of research reports or manuscripts which are already completed the institute will consider providing publication assistance grants within the scope of the program. No project will receive a grant of more than \$8,000 in any fiscal year. The deadline date for applications is *December 19*.

Upcoming Deadlines

Connaught senior fellowships in the humanities and social sciences: *November 15*.

Honorary degree nominations

Later this year the Committee for Honorary Degrees will meet to consider candidates for the award of honorary degrees at the Spring and Fall Convocations, 1981. Members of the University community are invited to submit names of possible candidates along with a biography outlining the career of the candidate and a detailed statement of reasons for the nomination to the Secretary of the Governing Council, Simcoe Hall, University of Toronto. Nomination forms may be obtained from the Governing Council Secretariat. Nominations should be submitted by *November 30, 1980*.

Korean books donated

The government of the Republic of Korea has donated books to the University to support the Korean studies program in the Department of East Asian Studies. They were presented recently by the Consul-General in Toronto, Chang-Song Park, to Professor John Brownlee, chairman of the Department of East Asian Studies. Also present to receive the works on behalf of the University were Professor Chai-Shin Yu, Department of East Asian Studies, and Marvi Bradshaw Ricker, Community Relations Office.

A total of 197 volumes were donated consisting of 92 titles. Two-thirds of these works are in Korean, and one-third in English or French.

The Korean studies program, which is entering its fourth year, continues to develop, with the addition of courses each year. Language courses will extend over three years beginning this year, and other courses are offered in history, religion, and art. This program is supported by financial grants from the Korean Traders' Scholarship Foundation, and has active support from the Korean community in Toronto.

GEORGE HAS A DEGREE IN MARINE BIOLOGY AND A JOB DRIVING A CAB.

Science and technology graduates like George are too valuable to waste. These are the people, young and enthusiastic, who should be helping us to shape tomorrow. These are minds, fresh and innovative, that could be involved in research and development and in its application to urgent energy and environmental problems and to the task of making Canadian industry more efficient and competitive.

We can't afford to wait. Private sector companies, individuals, associations, research institutes and community organizations can help by developing projects that will contribute to Canada's future and at the same time put qualified people to work in the disciplines they're trained to follow. The Canadian govern-

ment is ready to help by contributing up to \$1,250 a month (for a maximum of 12 months) towards the salaries of university, community college and technical school graduates with the qualifications to tackle those projects; graduates who haven't, until now, been able to find employment in their disciplines.

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United Way ahead



The co-chairmen of the University United Way campaign, Deans Phyllis Jones and Gordon Slemon, are happy with the results of the campaign to date.

"We are ahead of last year at this time by just over \$30,000," they report. "If we can keep up this momentum we will achieve our 1980 goal of \$200,000 and show a good increase in the number of donors." The University reported 24 percent participation last year by faculty and staff. A number of major firms reported over 75 percent participation. One of the aims campaigners have attempted to achieve is a wider participation. The campus campaign will continue through November so that members of the University community who have not yet made their contribution may do so.

It was reported in the last issue of the

Bulletin (Oct. 20) that Barbara McCann, (above), assistant to the dean of engineering, ran the 26-mile marathon from Buffalo to Niagara Falls, New York on Oct. 18 as a representative of the University of Toronto United Way. She completed the run in good time and reports that "the first six miles were OK, the next 14 tough and the last six really painful". This was McCann's first marathon and she thinks her task as a University of Toronto representative made it easier for her to finish well up in the pack.

If you have not given yet, give it another thought. The United Way supports over 100 agencies which serve all parts of the community. One person in four from the University will use one or more of their services in the next year.

Law symposium on 'The Canadian Charter of Rights and Freedoms'

A day-long symposium on "The Canadian Charter of Rights and Freedoms" sponsored by the Faculty of Law will be held Nov. 22, beginning at 9.30 a.m. in the Medical Sciences Building auditorium.

The Canadian Charter of Rights and Freedoms is one of the key elements of the constitutional resolution placed before parliament by Prime Minister Trudeau on Oct. 2. If the resolution is approved by parliament and acted upon by the parliament of the United Kingdom, there would for the first time in Canada be a constitutional charter of rights binding on parliament and the provincial legislatures.

The purpose of the symposium is to bring together many of Canada's leading legal scholars for a critical examination of the charter and what it may mean for Canadian law and society. The scope of questions and ramifications raised by the charter will be considered in three panel discussions.

After introductory remarks by Frank Iacobucci, dean of law, the first panel, "Entrenchment and Its Consequences", will begin with Professor J.S. Ziegel as chairman.

Professor E.R. Alexander will chair the second panel discussion on "Fundamental Freedoms, Legal Rights, Equality Rights".

The third panel, chaired by Professor J.B. Laskin, will deal with "The Charter and Federalism: Mobility, Language and Education Rights".

Symposium panelists are a distinguished group of experts in the fields of constitutional law and civil liberties, and include:

- Professor Walter Tarnopolsky,

professor of law at the University of Ottawa, president of the Canadian Civil Rights Association and commissioner of the Canadian Human Rights Commission

- Professor Peter Hogg, Osgoode Hall Law School. Prof. Hogg is one of Canada's top constitutional lawyers and his book, *Constitutional Law of Canada*, is acknowledged as the authoritative text in its field
- Professor Harry Arthurs, former dean of Osgoode Hall Law School, who has written extensively on the role of the Canadian judiciary
- Professor Martin L. Friedland, former dean of the Faculty of Law. Prof. Friedland is one of Canada's leading scholars of criminal law and has just completed a study of national security law for the McDonald Commission on the RCMP.

Marc Lalonde to speak on energy

"Canada's National Energy Policy" is the subject of an address by the Hon. Marc Lalonde, Minister of Energy, Mines & Resources, at the fifth McParland Lecture Nov. 12 in the Medical Sciences Building auditorium, at 5.15 p.m.

The McParland lectures are provided by a trust given to the Faculty of Applied Science & Engineering by Brinco Ltd. to honour the name of alumnus, the late Donald J. McParland, former president of Brinco Ltd., and president and chief executive officer of Churchill Falls (Labrador) Corp. Ltd. He was killed in a plane crash in 1969, at age 40.

Don't plan in isolation, OCUA warns universities

Unless each Ontario university recognizes and evolves its own unique role within the provincial system and begins co-operating with all the other Ontario universities in program development, the Ministry of Colleges & Universities might start doing it for them, warns a report released recently by the Ontario Council on University Affairs (OCUA).

The report charges that some of the universities' most recent program proposals appear to duplicate offerings in areas of strength at neighbouring institutions.

"For example, Wilfrid Laurier University is planning a program in computing and computer electronics even though the neighbouring University of Waterloo has considerable strength in computer science.

"Also, York University is planning a program in religious studies even though the University of Toronto has strength in religion and theology.

"Many institutions are initiating more business and related programs. In addition, several institutions are planning new 'cooperative' work/study programs, emulating the programs developed at the University of Waterloo."

Universities should not continue to plan in isolation from one another, especially in the context of financial

restraint and enrolment decline, says the report.

It suggests universities inform each other, through the Council of Ontario Universities (COU) secretariat, of all proposals for new undergraduate programs now under active consideration at any level of decision-making.

This interchange of ideas, says the report, could foster diversity and innovation, as well as prevent unnecessary duplication and identify areas where there is a recognized need for new programs.

New and existing program offerings should be assessed on the basis of the need for: variety in core arts and science programs; diversity of specialist programs within the system; and areas of particular academic strength in each university.

The OCUA report also mentions the possibility of introducing a scheme of "rationalization" grants to defray costs associated with program closure or program merger (such as the Guelph-Waterloo Centre for Graduate Work in Chemistry).

While such grants would have to come from global funding available to the system, they would amount to short-term costs with long-term benefits, says the report to which COU and the individual universities have been asked to respond.

Proficiency test results final

Almost half the students who wrote English proficiency tests this year need help with their written work, final figures from the Faculty of Arts & Science indicate.

Of 5,273 students who wrote the test, 1,012 failed and another 1,612 received marginal pass grades. The highest failure rate was at Erindale College, where 27.62 percent failed and a further 38.4 percent scored a marginal pass. The highest pass rate was at Trinity College, where only 8.5 percent failed and 29.08 percent received marginal passes.

At Innis College, 19.13 percent failed and 36.1 percent marginally passed; at New College, 24.11 percent failed and 27.66 percent were on the borderline; at St. Michael's College, 14.8 percent failed and 28.19 percent just passed; at University College, 15.39 percent failed and 21.09 percent marginally passed; at

Victoria College, 13.75 percent failed and 31.56 percent marginally passed; and at Woodsworth College, 14.98 percent failed and another 30.57 percent were on the borderline.

All new students entering the faculty were required to write a test essay. Students who fail must pass within two years or be barred from re-registering until they do.

Writing programs, in addition to essay workshops and writing laboratories, have been set up for students at all colleges. Foreign students who require help can take English as a second language courses at all colleges through a subsidy from the School of Continuing Studies.

The writing programs are not mandatory, but students who failed or who were on the borderline have been urged to take advantage of the services.

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Job Openings

Below is a partial list of job openings at the University. Interested applicants should read the Promotional Opportunity postings on their staff bulletin boards, or telephone the Personnel Office for further information. The number in brackets following the name of the department in the list indicates the personnel officer responsible. Please call: (1) Sylvia Holland, 978-6470; (2) Margaret Graham, 978-5468; (3) Jack Johnston, 978-4518; (4) Ann Sarsfield, 978-2112; (5) Barbara Marshall, 978-4834; (6) Clive Pyne, 978-4419.

Clerk II
(\$9,200 — 10,830 — 12,460)
Dentistry (1)

Clerk Typist II
(\$9,200 — 10,830 — 12,460)
Graduate Studies (6), Architecture & Landscape Architecture (5)

Clerk Typist III
(\$10,110 — 11,920 — 13,730)
Physical Plant (6)

Secretary I
(\$10,110 — 11,920 — 13,730)
Athletics & Recreation (4), Anthropology (1), Mathematics, part-time (1), Physics, part-time (1), Woodsworth (5), Nutrition & Food Science (2), Continuing Studies (2)

Secretary II
(\$11,150 — 13,130 — 15,110)
Comptroller's Office (2), Anthropology (1), Dean's Office, Medicine (4)

Secretary III
(\$12,280 — 14,440 — 16,600)
Radiology (4), Forestry (1)

Laboratory Technician I
(\$11,150 — 13,130 — 15,110)
Botany (1)

Laboratory Technician II
(\$13,660 — 16,070 — 18,480)
Banting & Best, three positions (2), Surgery (4), Pathology (4), Botany (1), Physiology (2)

Laboratory Technician III
(\$15,090 — 17,750 — 20,410)
Medicine (4)

Computer Operator I
(\$11,150 — 13,130 — 15,110)
Computing Services (6)

Coding Manual Editor
(\$24,160 — 28,420 — 32,680)
Library Automation Systems (6)

Programmer I
(\$13,660 — 16,070 — 18,480)
Preventive Medicine & Biostatistics (5)

Programmer II
(\$16,740 — 19,700 — 22,660)
Medicine (4)

Programmer III
(\$20,630 — 24,280 — 27,930)
Business Information Systems (2), Computer Science (1), Computing Services (6), Library Automation Systems (6)

Programmer IV
(\$25,430 — 29,930 — 34,430)
Computing Services (6)

Library Technician III
(\$10,110 — 11,920 — 13,730)
Library Science (5)

Engineering Technologist I
(\$12,950 — 15,250 — 17,550)
Biomedical Instrumentation Development Unit (5), Physical Plant, Erindale (4)

Engineering Technologist II
(\$15,940 — 18,760 — 21,580)
Physical & Health Education (5)

Technical Analyst
(\$22,900 — 26,940 — 30,980)
Business Information Systems (2)

Probationary Constable
(\$14,144, union)
St. George (6)

Secretary to Counsellors, one level
(\$11,150 — 13,130 — 15,110)
Career Counselling & Placement Centre (1)

Research Analyst
(\$17,700 — 20,820 — 23,940)
Benefits Plans, Comptroller's Office (2)

Administrative/Editing Assistant
(\$12,280 — 14,440 — 16,600)
Hungarian Chair, 50 percent (1)

Program Coordinator
(\$24,160 — 28,420 — 32,680)
Continuing Studies (2)

Personnel Officer I
(\$17,700 — 20,820 — 23,940)
Employment & Staff Development (2)

Secretary to President
(\$12,280 — 14,440 — 16,600),
Victoria College, unclassified position (6)

Secretary, Provost's Office
(\$11,150 — 13,130 — 15,110)
Trinity College, unclassified position (6)

PhD Orals

Since it is sometimes necessary to change the date or time of an oral examination, please confirm the information given in these listings with the PhD oral office, telephone 978-5258.

Wednesday, November 12
Madeline Lennon, Department of History of Art, "Vincenzo Cartari: Le Imagini de i Dei de gli Antichi, 1556-1599." Prof. W. McAllister Johnson. Room 309, 63 St. George St., 3 p.m.

Johannes Henricus Van Lierop, Department of Political Economy, "The Determination of Relative House Prices." Prof. J.D. Bossons. Room 111, 63 St. George St. 3 p.m.

Monday, November 17
Juan Acosta-Urquidi, Department of Zoology, "Factors Involved in Depression and Facilitation of Transmission at Crayfish Opener Neuromuscular Synapses." Prof. H.L. Atwood. Room 309, 63 St. George St., 10 a.m.

Wednesday, November 19
Nikolay Morgunov, Department of Clinical Biochemistry, "Norepinephrine and Dopamine Release by Renal Nerves." Prof. A.D. Baines. Room 309, 63 St. George St., 2 p.m.

Friday, November 21
Francisco Renato Cristi, Department of Philosophy, "Reading Hegel's *Philosophy Of Right*: The Structure of Its Argument." Prof. F. Cunningham. Room 309, 63 St. George St., 1 p.m.

Michael W. Kalichman, Department of Pharmacology, "An Investigation of Gaba and Amygdala-Kindling in the Rat." Prof. W.M. Burnham. Room 307, 63 St. George St., 1 p.m.

Peter Emblidge Bohm, Faculty of Social Work, "Client Variables Associated with Outcomes of Conciliation Counselling." Prof. Howard Irving. Room 111, 63 St. George St., 2 p.m.

Margaret Louise Moran, Department of English, "The Wessex Romances of John Cowper Powys." Prof. W.J. Keith. Room 309, 63 St. George St., 2.30 p.m.

Monday, November 24
Jane Marie Arabian, Department of Psychology, "The Role of Imagery in Pavlovian Heart-rate Decelerative Conditioning." Prof. J.J. Furedy. Room 309, 63 St. George St., 10 a.m.

Tuesday, November 25
Shing Sou Richard Cheng, Department of Zoology, "Mechanisms of Electroacupuncture Analgesis as Related to Endorphins and Monoamines; An Intricated System is Proposed." Prof. B.H. Pomeranz. Room 309, 63 St. George St., 9.30 a.m.

Clark Ledin Ovrebø, Department of Botany, "A Taxonomic Study of the Genus *Tricholoma* (Agaricales) in the Great Lakes." Prof. D.W. Malloch. Room 307, 63 St. George St., 2 p.m.

Barry Joe, Department of Germanic Languages & Literatures, "A Study of Extremes in the Dramas of Chr.D. Grabbe." Prof. G.W. Field. Room 111, 63 St. George St., 2 p.m.

Wednesday, November 26
Georges A. Monette, Department of Statistics, "Betting Criteria and Countable Additivity." Prof. D.A.S. Fraser. Room 309, 63 St. George St., 10 a.m.

America and the new Germany

"America and the New Germany" will be the topic of a lecture by Professor Adolf M. Birke, a historian from the Free University of Berlin and the first appointee to the new visiting professorship of German and European studies in the University. The lecture, which will mark Professor Birke's first public appearance on the campus, will be held Nov. 18 at 4 p.m. in room 179, University College. Professor Birke is a specialist not only in 19th and 20th century German history but also in modern British history. His lecture reflects his interests in the origins and early history of the Federal Republic of Germany.

Prof. Birke's books include a study of the man regarded as the founder of German social Catholicism entitled *Bischoff Ketteler und der deutsche Liberalismus* (1971); a collection of the writings of a prominent liberal of the Bismarck era entitled *Hermann Baumgarten. Der deutschen Liberalismus* (1974); and a study of English trade unionism entitled *Pluralismus und Gewerkschaftsautonomie in England*.

The visiting professorship of German and European studies was established in 1979 for a five-year period and is funded by the Federal Republic of Germany.



Costume sketch by Suzanne Mess for *The Marriage of Figaro*, at the MacMillan Theatre Nov. 14, 15, 21 and 22.

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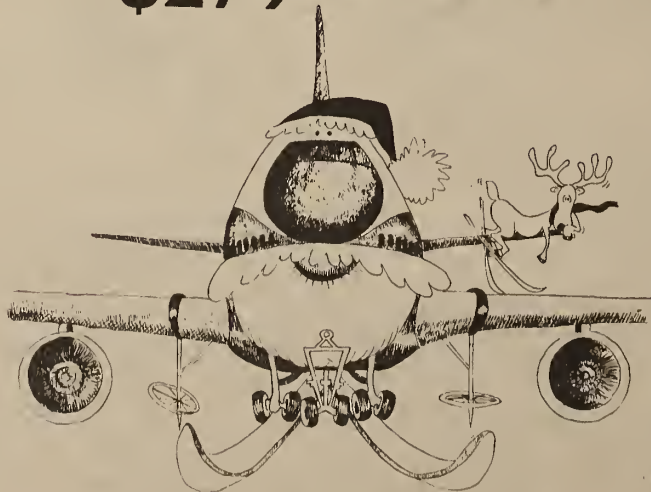
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Events

Lectures

Tuesday, November 11

Catastrophe Creation: Gnosis, Kabbalah, Blake.

Prof. Harold Bloom, visiting professor in the humanities, Yale University; first of two Victoria University Armstrong Lectures. Prof. Bloom will be introduced by Prof. Northrop Frye. Room 3, New Academic Building, Victoria College. 4.30 p.m.

(SGS and Comparative Literature)

Housing in Retirement.

John Moses, real estate specialist; fifth of seven, "Preparation for Retirement Living". 162 St. George St. 7.45 p.m. Information and registration, 978-8991. (UTAA Senior Alumni)

Wednesday, November 12

The Religious Imagination.

Prof. Andrew Greeley, University of Arizona; American Studies Committee annual guest lecturer. Brennan Assembly Hall, St. Michael's College. 4 p.m.

The Sublime Crossing and the Death of Love.

Prof. Harold Bloom, visiting Yale University; second of two Victoria University Armstrong Lectures. Room 3, New Academic Building, Victoria College. 4.30 p.m.

(SGS and Comparative Literature)

Canada's National Energy Policy.

The Hon. Marc Lalonde, Minister of Energy, Mines & Resources; fifth McParland Lecture. Auditorium, Medical Sciences Building. 5.15 p.m. (Applied Science & Engineering)

The Birth of Civilization in Mesopotamia.

T. Cuyler Young Jr., West Asian Department, ROM; illustrated with slides; first in Society for Mesopotamian Studies series. 6058 Robarts Library (sixth floor). 8 p.m.

(Please note room.)

Thursday, November 13

English Influences on the German Language after 1945.

Prof. Broder Carstensen, University of Paderborn. Department of Germanic Languages & Literatures, 97 St. George St. 4 p.m.

(German and Goethe Institute)

Montaigne et l'Amérique indienne.

Prof. Robert Aulotte, Université de Paris-Sorbonne. Croft Chapter House, University College. 4.10 p.m.

Pun and Punishment: The Structure of a Bertrand Russell Witticism.

Prof. Alexander Zholkovsky, Cornell University; SGS Alumni Association visiting lecturers series 1980-81. Seeley Hall, Trinity College. 5 p.m.

(SGSAA and Slavic)

About the Powers of the Police.

Ed Greenspan; second in series of three, "Your Right to Know". South Building, Erindale college. 8 p.m. Tickets \$3. Information, 828-5214. (Associates of Erindale)

Saturday, November 15

An Artist in the Arctic.

Alan C. Collier, third in fall series, Royal Canadian Institute lectures. Convocation Hall. 8.15 p.m.; doors open 7.30 p.m.

Monday, November 17

The Social Evolution of Quebec, 1960-1980.

Prof. Céline Saint-Pierre, Université du Québec à Montréal; fourth in series to be given in English and French on important moments in Quebec's socio-cultural evolution.

Lecture in French: Room 2001, 7 King's College Circle. 4 p.m.

Lecture in English: Senior Common Room, Sir Daniel Wilson Residence, University College. 8 p.m. (UC Canadian Studies, French, Ont.-Que. Permanent Commission and Snider Fund)

L'Espace théâtral.

Prof. Anne Ubersfeld, Université de Paris III; illustrated with slides. R-3205B, Scarborough College. 4 p.m. (Please note, lecture will be given in French.)

A Large Internal Pressure in Biological Membranes.

Prof. S. Jonathan Singer, University of California, San Diego; annual Searle Lecture. Main auditorium, second floor, Addiction Research Foundation, 33 Russell St. 5 p.m. (Pharmacy and Searle Pharmaceuticals)

Tuesday, November 18

America and the Creation of the New Germany.

Prof. Adolf Birke, visiting professor of German and European studies. 179 University College. 4 p.m. (European Studies Committee, CIS, and History)

Lawyers, Judges, and the Constitution.

The Hon. Mr. Justice Thomas R. Berger, Supreme Court of British Columbia; first of series of three D.B. Goodman Memorial Lectures. Moot Court, Faculty of Law. 4.30 p.m.

Community Resources for Seniors in Metropolitan Toronto.

Speaker from Metro-Toronto Community Information; sixth of seven, "Preparation for Retirement Living". 162 St. George St. 7.45 p.m. Information and registration, 978-8991. (UTAA Senior Alumni)

Wednesday, November 19

Lawyers, Judges, and the Constitution.

The Hon. Mr. Justice Thomas R. Berger, Supreme Court of British Columbia;

second of series of three D.B. Goodman Memorial Lectures. Moot Court, Faculty of Law. 4.30 p.m.

Thursday, November 20

British Emigration: A Response to Technological and Economic Imperatives?

Prof. Ross McCormack, University of Winnipeg. Seminar room, second floor, Hart House. 4 p.m. (Ethnic & Immigration Studies)

Lawyers, Judges, and the Constitution.

The Hon. Mr. Justice Thomas R. Berger, Supreme Court of British Columbia; last of series of three D.B. Goodman Memorial Lectures. Moot Court, Faculty of Law. 4.30 p.m.

Also Present at the Creation: Canada-United States Relations and the Shaping of Peace, 1943-1957.

Prof. John W. Holmes, Claude T. Bissell visiting professor of Canadian-American relations. George Ignatieff Theatre, Trinity College, Devonshire Place. 8 p.m. (CIS)

Barton Myers.

Toronto architect will give third in 1980-81 series. 3154 Medical Sciences Building. 8 p.m. (Architecture, Toronto Society of Architects and Ontario Association of Architects)

About Family Law.

Her Honour Judge Rosalie Abella; last in series of three, "Your Right to Know". South Building, Erindale College. 8 p.m. Tickets \$3. Information, 828-5214. (Associates of Erindale)

Friday, November 21

Anaesthesia for Patients with

Liver Disease.

Dr. Leo Strunin, Foothills Hospital, Calgary; annual Dr. Murray Mendelson Lecture. Main lecture theatre, Toronto General Hospital. 5 p.m. (Anaesthesia)

Saturday, November 22

The Global Environment: Fragile or Sturdy?

Provost F. Kenneth Hare, Trinity College; fourth in fall series, Royal Canadian Institute lectures. Convocation Hall. 8.15 p.m.; doors open 7.30 p.m.

Monday, November 24

A Ninth Century Irish Philosopher: Johannes Scotus Eriugena.

Prof. Edouard Jauneau, Université de Paris-Sorbonne. Brennan Hall, St. Michael's College. 4 p.m. (Celtic Arts)

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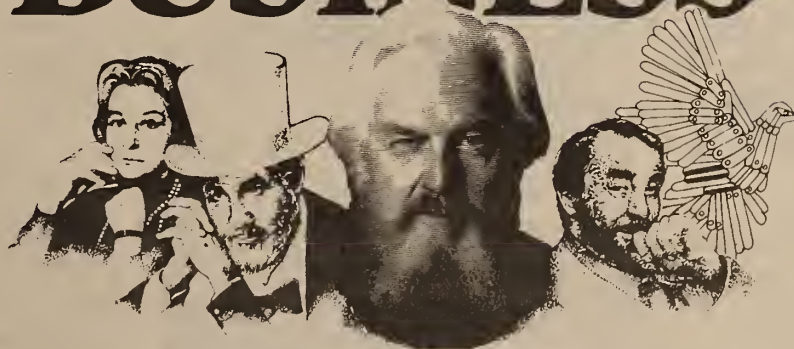
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Events

Seminars

Monday, November 10

The Economic Theory of Information as Signals.
Prof. Joseph Stiglitz, Princeton University. Music Room, Hart House. 4 to 6 p.m.
(Political Economy)

On the Infrastructure of the Mitochondrial Matrix.
Prof. Paul Srege, Southwestern Medical School, Dallas. 417 Best Institute. 4 p.m.
(BDDMR)

Canadian Deep Water Carbonate Deposits: Distinction from Analogous Siliclastic Deposits and Their Hydrocarbon Potential.
Ian McIlreath, Petro-Canada, Calgary; Canadian Society of Petroleum Geologists Link award speaker. 202 Mining Building. 4 p.m.
(Geology)

The Positivist Paradigm in Physical Education: A Critique.
Prof. Robert Beamish, School of Physical & Health Education, 330 Benson Building. 4 p.m.
(P&HE)

Wednesday, November 12
Structure and Function of Papovavirus Tumour Antigen.
Dr. Alan E. Smith, Imperial Cancer Research Fund, London, Eng. 3163 Medical Sciences Building. 12 noon.
(Microbiology & Parasitology)
(Please note room and time.)

An Academic Visit to China.
Prof. I.I. Glass, Institute for Aerospace Studies; illustrated with slides. Lecture room, Institute for Aerospace Studies. 2 p.m.

Italy and the European Community.
Prof. Gianni Bonvicini, Istituto Affari Internazionali, Rome. Board Room, Trinity College. 4 to 6 p.m.
(International Relations Committee, CIS)

Thursday, November 13
The Religious Imagination.
Prof. Andrew Greeley, University of Arizona; American Studies Committee annual guest lecturer. Upper Library, Massey College. 10 a.m.

An Adaptive Finite Element Program for Non-Linear Elliptic Partial Differential Equations.
J.L. Blue, National Bureau of Standards, Washington, D.C.; numerical analysis seminar. 137 McLennan Physical Laboratories. 3 p.m.
(Computer Science)

Serotiny, Geography and Fire in the Pine Barrens of New Jersey.
Prof. Thomas Givnish, Harvard University. Room 7, Botany Building. 4 p.m.

The Mississauga Incident.
Prof. Ian Burton, Institute for Environmental Studies. 119 Wallberg Building. 4 p.m.
(IES and Environmental Engineering)

The Inheritance of Acquired Traits.
Ryuichi Matsuda, Biosystematics Research Institute, Agriculture Canada. 432 Ramsay Wright Zoological Laboratories. 4 p.m.

Friday, November 14
The Concept of Poetic World and the Poetic World of Pasternak.
Prof. A.K. Zholkovsky, Cornell University; SGS Alumni Association visiting lecturer. Common Room, second floor, 21 Sussex Ave. 10.30 a.m.
(SGSAA and Slavic)

The Politics of Local Participation in Urban Mozambique.
Barry Pinsky, Centre for Urban & Community Studies. 1083 Sidney Smith Hall. 12 noon to 2 p.m.
(African Studies Committee, CIS)

Recent Developments in Economics of Language in Quebec.
Prof. François Vaillancourt, University of Montreal; short presentation will be followed by informal debate and questions from the audience. Room 302, Centre for Industrial Relations, 123 St. George St. 12 noon to 2 p.m.

International Capital, International Culture: Relations between Economy and Ideological Culture in the World System.
Prof. Richard Peet, Clark University. 620 Sidney Smith Hall. 12 noon.
(Geography)

Lucian and Life.
Prof. C.P. Jones, Department of Classics; departmental seminar in Greek and Roman history, language, literature and philosophy. 144 University College. 3.10 p.m.

Monday, November 17
The Geopolitics of Energy.
Melvin Conant, consultant on political aspects of access to strategic raw materials. Upper Library, Massey College. 4 p.m.
(International Relations and Middle East Studies Committees, CIS)

The Origins and Aspects of the Development of Mykola Zerov's Literary Historical Writings.
Doreen W. Gorsline, graduate student, Department of Slavic Languages & Literatures. St. Vladimir Institute, 620 Spadina Ave. 7.30 p.m.
(Canadian Institute of Ukrainian Studies, Toronto Office)

Tuesday, November 18

Ontario's Compulsory Check-off Legislation: Implications for Certification, Bargaining and Strikes.
Jeffrey Sack and John Sanderson; second in Centre for Industrial Relations seminar series 1980-81; short presentation will be followed by informal debate and questions from the audience. 161 University College. 4 to 6 p.m.

Wednesday, November 19
On the Economics of Unanticipated Changes in Generally Accepted Accounting Principles: The Bond Covenant Problem in Canada.
Prof. Daniel Thornton, Department of Political Economy; seventh of Law and Economics Workshop series 1980-81. Papers will be circulated week in advance of session at which they will be presented; author will make introductory statement, discussion and critical analysis will follow. Solarium, Falconer Hall, 84 Queen's Park Cresc. 12.15 to 1.45 p.m. Registration with fee, \$3, required in advance if copy of paper and lunch required. Information and registration, Verna Percival, 978-6767.

The New Classical Macroeconomics: A Keynesian Critique.
Prof. James Tobin, Yale University; workshop in post-Keynesian economics. Senior Common Room, University College. 8 p.m.
(Management Studies and Political Economy)

Thursday, November 20
Database Design and Conversion for Heterogeneous Databases.
Randy Katz, Computer Corporation of America, Cambridge, Mass.; computer systems seminar. 134 McLennan Physical Laboratories. 4 p.m.
(Computer Science)

Miscellany

Monday, November 10
Exploring the Planets.
Prof. D.W. Strangway, Departments of Geology and Physics; question period will follow presentation. The Pub, Woodsworth College. 5.30 p.m.
(Woodsworth College Students' Association)

Tuesday, November 11
Act of Remembrance.
Soldiers' Tower. 10.50 a.m.
(UTAA)

Hockey.
Lady Blues vs. Guelph. Varsity Arena 7.15 p.m.

One Evening against Genocide.
Panel discussion: Rabbi Alexander Schindler, Union of American Hebrew Congregations; Prof. E.L. Fackenheim, Department of Philosophy; Prof. Gregory Baum, Toronto School of Theology; Prof. Vartan Gregorian, University of Pennsylvania; moderator, Pete McGarvey, CKEY. Convocation Hall. 7.30 p.m. Information, 923-9861.
(Hillel/Jewish Students' Union)

Basketball.
Lady Blues vs Brock. Sports Gym. 7.30 p.m.
Admission \$2, students \$1. Information, 978-4112.

Wednesday, November 12
Hockey.
Blues vs Laurier. Varsity Arena. 7 p.m. Tickets \$3, students \$2. Information, 978-4112.

Thursday, November 13
Hockey.
Lady Blues vs Downsview. Varsity Arena. 7.15 p.m.

Plant Breeding.

Norman Borlaug, Nobel Laureate, International Maize & Wheat Improvement Centre. Room 7, Botany Building. 4 p.m.
(SGS and Botany)

Nuclear Waste Disposal Problems: Reality or Myth?
Prof. O.J.C. Runnalls, Department of Industrial Engineering. 119 Wallberg Building. 4 p.m.
(IES and Environmental Engineering)

The Meaning of Genic Diversity in *Drosophila melanogaster*: A Global Search.
Prof. Rama S. Singh, McMaster University. 432 Ramsay Wright Zoological Laboratories. 4 p.m.

The Turbulent Wind and Its Effect on Flight.
Prof. Bernard Etkin, Institute for Aerospace Studies. Lecture room, Institute for Aerospace Studies. 8 p.m.

Monday, November 24.
The Genealogy of the Orlando Furioso.
Prof. Paolo Valesio, Yale University; St. Michael's College seminar in Italian studies. Week-long seminar, Nov. 24-28, enrolment limited. Information, Anne Urbancic, Department of Italian Studies, 978-3348; or, Mondays, 3 to 5 p.m., 978-3357.

Tuesday, November 25
Structural Metamorphic and Lithologic Setting of Broken Hill Mineralization.
Prof. V.J. Wall, Monash University, Australia. 202 Mining Building. 4 p.m.
(Geology)

Friday, November 14
Basketball.
Lady Blues vs Western. Sports Gym. 7.30 p.m.
Admission \$2, students \$1. Information, 978-4112.

Tuesday, November 18
Hockey.
Lady Blues vs McMaster. Varsity Arena. 7.15 p.m.

Wednesday, November 19
Basketball.
Blues vs Laurier. Sports Gym. 8.15 p.m. Admission \$2, students \$1. Information, 978-4112.

Friday, November 21
Hockey.
Blues vs York. Varsity Arena. 7 p.m. Tickets \$3, students \$2. Information, 978-4112.

Saturday, November 22
Storytelling with Joe Heaney.
Workshop. Brennan Hall, St. Michael's College. 2.30 to 5.30 p.m. Fee, \$3. Information, 961-5638.
(Celtic Arts)

Sunday, November 23
Advent Eve.
All-University ecumenical service. Debates Room, Hart House. 7.30 p.m.



**ACT OF REMEMBRANCE
SOLDIERS' TOWER — HART HOUSE
TUESDAY, NOVEMBER 11
at 10:50 a.m.**

All members of the University community are invited to attend this simple but significant event which will conclude at 11:05 a.m.

**University of Toronto
Alumni Association**

Events

Meetings & Conferences

Tuesday, November 11

Research Meeting.

MRC Group in Periodontal Physiology and Joint Diseases Laboratory, Shriners' Hospital for Crippled Children, Montreal.

Papers: Proteoglycan immunochemistry and localization; Defined media for *in vitro* culture of cells from the periodontium; Autoimmunity to collagen and proteoglycan in inflammatory arthritis; Differentiation of osteoblasts and formation of mineralized bone *in vitro*; Autoimmunity to collagen and proteoglycan in rabbit arthritis; Electrophysiology of bone and periodontal cells; Human cartilage proteoglycans; Collagen metabolism in the estradiol-stimulated uterus; Thioproteinases in breast carcinomas; Cell densities and cell proliferation in periodontal ligament. Each paper will be followed by discussion. Room 250, Professional Building, 124 Edward St. 9.30 a.m. to 4 p.m. Information, 978-8728. (McLaughlin Foundation)

Wednesday, November 12

Quality of Working Life.

One-day seminar to introduce quality of working life (QWL) concept, to allow participants to explore relevance of QWL to their own workplace and to identify and examine key issues and concerns they have surrounding QWL. Brulé Room, The Old Mill, 21 Old Mill Road. 8.30 a.m. to 5 p.m. Registration fee, \$40, includes luncheon and course materials. Information and registration, 978-2927. (Industrial Relations and Ont. QWL Centre)

Friday, November 14

Théâtralité: écriture et mise en scène.

Three-day colloquium, Nov. 14-16. Sessions: Le théâtre comme représentation; Ecriture/Théâtre/Mise en scène; Le théâtre comme discours; Le théâtre comme texte; Le théâtre comme performance. Round table discussions: Ecriture/Théâtre/Mise en scène; Qu'est-ce-que la théâtralité? George Ignatieff Theatre, Trinity

College, Devonshire Place. Concurrent sessions in Seeley Hall, Trinity College. Registration fee \$38 at door, students \$9. Information 978-3167 or 828-5373. (French)

Saturday, November 15

Toronto Semiotic Circle.

Prof. A.K. Zholkovsky, Cornell University, SGS Alumni Association visiting lecturer, will speak on "Soviet Semioticians". 205 New Academic Building, Victoria College. 10.30 a.m.

Saturday, November 22

The Canadian Charter of Rights and Freedoms.

One-day symposium to bring together scholars in the field of constitutional law and related areas to discuss the proposed constitutional bill. There will be three panel discussions: Entrenchment and Its Consequences. Profs. H.W. Arthurs and P.W. Hogg, York University; Prof. W.S. Tarnopolsky, University of Ottawa; Prof. E.J. Weinrib, Faculty of Law; chairman, Prof. J.S. Ziegel, Faculty of Law. 10 a.m. Fundamental Freedoms, Legal Rights, Equality Rights. Prof. M.L. Friedland, Faculty of Law; Prof. M.E. Gold, York University; Brian Morgan, Osler, Hoskin & Harcourt, Toronto; chairman, Prof. E.R. Alexander, Faculty of Law. 1.30 p.m. The Charter and Federalism: Mobility, Language and Education Rights. Prof. Ivan Bernier, Université Laval; Prof. Irwin Cotler, McGill University; Prof. M.J. Trebilcock, Faculty of Law; chairman, Prof. J.B. Laskin, Faculty of Law. 3.15 p.m. Symposium will be held in the auditorium, Medical Sciences Building. Members of the public are welcome, admission is free. Information, 978-6700 or 978-3717. (Law)

Plays, Readings & Opera

Friday, November 14

The Marriage of Figaro.

First production by Opera Division, 1980-81 season. Mozart's comic opera, libretto by Da Ponte, based on play by Beaumarchais. Conductors James Craig and Michael Evans, director Nathaniel Merrill of the Metropolitan Opera, set design by Tony Businger, costumes by Suzanne Mess.

MacMillan Theatre, Edward Johnson Building. Four performances, Fridays and Saturdays, Nov. 14, 15, 21 and 22 at 8 p.m. Tickets \$5, students and senior citizens \$2.50. Information and reservations, 978-3744.

Saturday, November 15

Lysistrata.

Aristophanes' comedy, presented by University College Playhouse and UC Alumni Association, directed by Mary Ellen Mahoney. University College Playhouse, 79A St. George St. Nov. 15 to 22 at 8 p.m. Admission free. Reservations, 978-6307.

Monday, November 17

Leon Rooke.

Poetry reading. Council Chamber, Scarborough College. 12 noon.

Pastoral and Anti-Pastoral Poems: 19th and 20th Century.

Poetry will be read by Profs. W.J. Keith and Hans de Groot; University College Poetry Readings. Walden Room, University College Union, 79 St. George St. 4.10 p.m.

Pier Giorgio di Cicco and Carolyn Zonailo.

November reading in monthly series of poetry readings. Library, Hart House. 8 p.m.

(Graduate English Association, HH Library Committee and Canada Council)

Wednesday, November 19

Paradise Lost.

Staged reading of Milton's epic poem, abridged for the theatre by Gordon Honeycombe to focus on "divine argument" of God and Satan over the future of mankind; directed by Frances Halpenny. Second of four productions, Graduate Centre for the Study of Drama season at Hart House Theatre. Hart House Theatre. Nov. 19 to 22 and 26 to 29 at 8 p.m. Tickets \$5, students \$2.50. Information and reservations, 978-8668.

Monday, November 24

Michael Ondaatje.

Poet will read from his own work; University College Poetry Readings. Walden Room, University College Union, 79 St. George St. 4.10 p.m.

Colloquia

Tuesday, November 11

Language Facilities for Numerical Computation (or: Who are the Good Guys in Programming Language Design?)

Prof. T.E. Hull, Department of Computer Science. 103 McLennan Physical Laboratories. 4 p.m.

Thursday, November 13

Kinetics of UV Stabilization in Polymers: Go to Hals.

D.M. Wiles, National Research Council of Canada. 162 Lash Miller Chemical Laboratories. 3.30 p.m.

Autobiography and Philosophical Perplexity.

Prof. James Cameron. A-101 University College. 4 p.m. (Philosophy)

An Overview of Fibre Optics and Optical Communications.

Felix Kapron, Bell Northern Research Laboratories, Ottawa. 102 McLennan Physical Laboratories. 4.10 p.m. (Physics)

Friday, November 14

Formation and Properties of Transition Metal Carbonyl Radicals. Prof. T. Brown, University of Illinois. 158 Lash Miller Chemical Laboratories. 3.30 p.m.

Monday, November 17

Ultracomputers.

Prof. J. Schwartz, Courant Institute of Mathematical Science, New York University. 203 McLennan Physical Laboratories. 4 p.m. (Computer Science)

Wednesday, November 19

Affect and Social Cognition.

Prof. Robert Zajonc, University of Michigan. 2135 Sidney Smith Hall. 4 p.m. (Psychology)

Thursday, November 20

Magneto-optics.

J.F. Dillon, Bell Laboratories, Murray Hill, N.J. 102 McLennan Physical Laboratories. 4.10 p.m. (Physics)

Friday, November 21

Excimer Fluorescence as a Molecular Probe of Thermodynamic Miscibility in Polymer Blends.

Prof. C.W. Frank, Stanford University. 158 Lash Miller Chemical Laboratories. 3.30 p.m.

Tuesday, November 25

Computers — A Gift of Fire.

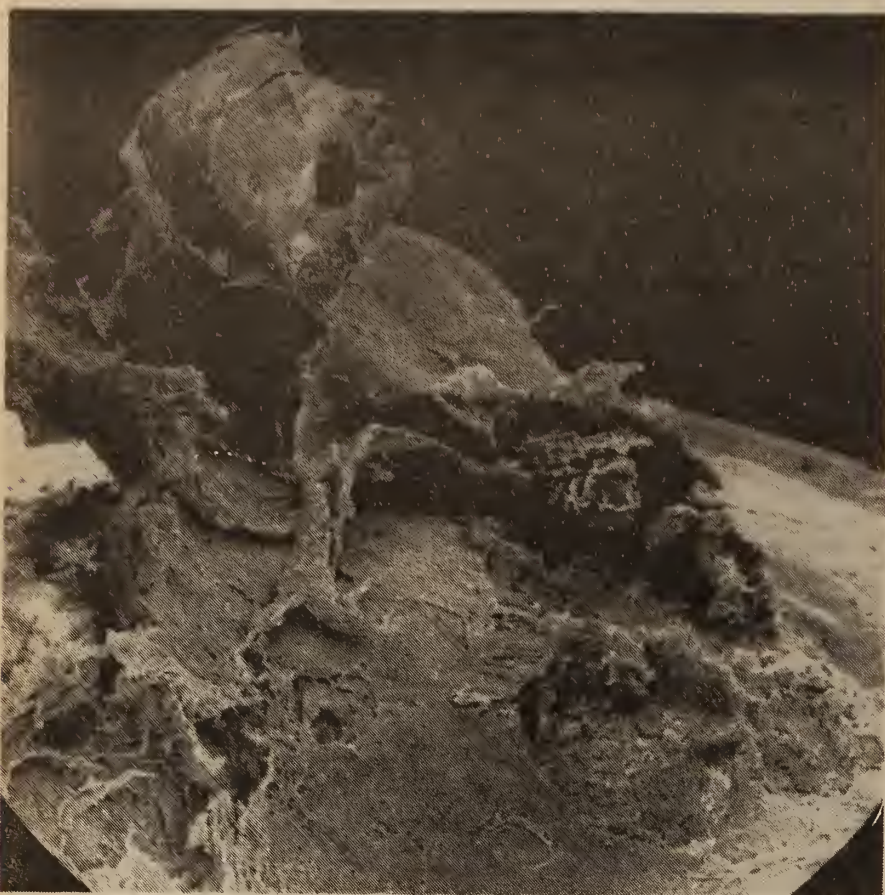
Prof. C.C. Gotlieb, Department of Computer Science. 103 McLennan Physical Laboratories. 4 p.m.



God sitting on his throne sees Satan; illustration from Book III of *Paradise Lost*, from an edition published in 1688 in the Thomas Fisher Rare Book Library.

Events

Exhibitions



"Making the Invisible Visible", an exhibition of medical photographs by Lennart Nilsson

Monday, November 10
Art of the Anishnabec.
 Works by Manitoulin Island artists.
 Art Gallery, Erindale College, to Nov. 28.
 Gallery hours: Monday-Friday, 10 a.m. to 9 p.m.; Saturday-Sunday, 2 to 5 p.m.

Painters Eleven.
 Group show. Art Gallery, Hart House, to Dec. 12.
 Gallery hours: Monday, 11 a.m. to 9 p.m.; Tuesday-Saturday, 11 a.m. to 5 p.m.; Sunday, 2 to 5 p.m.

Making the Invisible Visible.
 Medical photographs by Lennart Nilsson.
 Lobby, Medical Sciences Building, to Nov. 14.
 Hours: 8 a.m. to 10 p.m.
 (Swedish Institute, Stockholm, and Swedish Embassy, Ottawa)

Architecture.
 Barton Myers & Associates. Galleries, Department of Architecture, 230 College St., to Nov. 28.

Diane Morrow.
 Prints. The Gallery, Scarborough College, to Nov. 21.
 Gallery hours: Monday-Thursday, 9 a.m. to 7 p.m.; Friday, 9 a.m. to 5 p.m.; Sunday, 2 to 5 p.m.

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The Heart of Rosedale

By Wayne Carley

Directed by: Lewis Baumander Designed by Debra Hansen

November 20th - December 6th, Tues.-Sat. 8.30 p.m.

Tickets \$5.00, students & senior citizens \$3.00

MAINSTAGE

THE ALUMNAE THEATRE

70 Berkeley Street — 364-4170

Concerts

Monday, November 10

Domb-Parr Duo.

Patricia Parr, piano, and Daniel Domb, cello, will perform works by Bach, Beethoven, Brahms and Stravinsky. Walter Hall, Edward Johnson Building. 8 p.m. Information, 978-3744.

Wednesday, November 12

Colleen Farrier, Piano.

Program of works by Scarlatti, Chopin, Debussy and Morel; second in Wednesday noon hour concert series. Concert Hall, Royal Conservatory of Music. 12.15 p.m. Information, 978-3771.

Thursday, November 13

Electronic Music — Thirty Years Later.

Dean Gustav Ciamaga, Faculty of Music, and R. Murray Schafer, reflecting upon their early experiences with electronic music; first of four events devoted to medium of electronic music and one of Thursday afternoon series. Walter Hall, Edward Johnson Building. 2.10 p.m.

Friday, November 14

Orchestral Training Program.

Participants of Orchestral Training Program will give first of four Friday lunchtime chamber music recitals. Concert Hall, Royal Conservatory of Music. 12.15 p.m. Information, 978-3771.

Sunday, November 16

Chopin Festival.

Complete music for solo piano, performed on consecutive Sundays in October and November by nine pianists. William Aide will give seventh concert: Polonaises in D minor and B flat major, Scherzo in E major, Bolero in C major, Rondo in E flat major, nine mazurkas, four Nocturnes. Great Hall, Hart House. 8 p.m.

Tickets: Hart House members free, tickets available from hall porter's desk one week prior to concert; limited number may be for sale at door to non-HH members for \$3, telephone hall porter, 978-2452, on day of concert re availability. (HH Music Committee and CBC)

Wednesday, November 19

University Singers.

Conductor William Wright; program of songs of the 19th and 20th centuries including Songs of Nature by Dvořák, Cantique de Jean Racine by Fauré, and Four choral songs by Schumann. Great Hall, Hart House. 8.30 p.m. Information, 978-3744.

Thursday, November 20

Faculty of Music Jazz Ensemble.

Directed by Phil Nimmons and David Elliott, recital in Thursday afternoon series. Walter Hall, Edward Johnson Building. 2.10 p.m.

Susan Prior, Recorder.

Program includes works by Van Eyck, J.S. Bach, C.P.E. Bach and Linde; second in Thursday twilight series. Concert Hall, Royal Conservatory of Music. 5.15 p.m. Information, 978-3771.

Hart House Chorus and New Hart House Orchestra.

Two groups, together for first time, will perform works by Beethoven, Vaughan Williams, Praetorius and Willan. Great Hall, Hart House. 8 p.m.

Hugh Davies.

British composer will demonstrate his original electronic instruments and discuss his music; third in mini lecture series co-sponsored by Faculty of Music and New Music Concerts. Walter Hall, Edward Johnson Building. 8 p.m. Admission \$1, New Music subscribers free. Information, 978-3744.

Friday, November 21

Orchestral Training Program.

Iona Brown will be leader and soloist, works by Mozart and Mendelssohn; third of 11, Friday evening series. Concert Hall, Royal Conservatory of Music. 8.15 p.m.

Admission, pay-what-you-can.

Information, 978-3771.

(Conservatory, Employment & Immigration Canada and MCU)

Saturday, November 22

An Evening with Joe Heaney.

Concert by Irish Shanachie and traditional singer. Brennan Hall, St. Michael's College. 8.30 p.m.

Tickets \$3.50, students \$2. Information, 961-5638.

(Celtic Arts)

Sunday, November 23

Electronic Music Series.

Concert I, featuring works by François Bayle, John Chowning, Pierre Mercure, Myron Schaeffer, Louis Applebaum and Dexter Morrill; second of four events devoted to medium of electronic music. Walter Hall, Edward Johnson Building. 3 p.m.

Chopin Festival.

Complete music for solo piano, performed on consecutive Sundays in October and November by nine pianists. Ronald Turini will give eighth concert: Fantasia in F minor, Barcarolle in F sharp minor, Impromptu in F sharp major, Berceuse (Op. 57), Ballade in F minor, Rondo in C minor, four Mazurkas, three Nocturnes. Great Hall, Hart House. 8 p.m.

Tickets: please see listing Nov. 16.

(HH Music Committee and CBC)

Monday, November 24

Elizabeth Brickenden, Bassoon.

Master of music in performance recital. Walter Hall, Edward Johnson Building. 8.15 p.m.

(Please confirm on day of performance, 978-3733.)

Governing Council & Committees

Wednesday, November 12

Admissions & Awards Subcommittee
 Board Room, Simcoe Hall. 4 p.m.

Thursday, November 13

Academic Affairs Committee.
 Council Chamber, Simcoe Hall. 4 p.m.

Monday, November 17

Planning & Resources Committee.
 Council Chamber, Simcoe Hall. 4 p.m.

Tuesday, November 18

Committee on Campus & Community Affairs.
 Council Chamber, Simcoe Hall. 4 p.m.

Wednesday, November 19

Business Affairs Committee.
 Board Room, Simcoe Hall. 4 p.m.

Curriculum & Standards Subcommittee.

Council Chamber, Simcoe Hall. 4 p.m.

Thursday, November 20

Governing Council.
 Council Chamber, Simcoe Hall. 4.30 p.m.

Détente: Do We Only Pay Lip-Service to Disarmament?

by George Ignatieff



The word "détente" is used to describe the diplomatic process whereby the superpowers and their respective allies in the East-West dialogue moderate international tension through economic exchanges as well as diplomatic crisis management. The latter depends mainly on arms control measures. Canada, because of its geographic location between the superpowers as well as its alliances, has a vital stake in détente and in stopping the arms race.

The relaxation of tensions has to go hand-in-hand with arms limitation and disarmament through diplomatic negotiations in order that the mutual distrust between East and West should not degenerate into confrontation and nuclear war. Apart from summit meetings, such as the meeting in Vienna between Brezhnev and Carter to sign SALT II (whose ratification following the invasion of Afghanistan was suspended by Congress), continuing bilateral and multilateral arms limitation and disarmament negotiations are an essential part of the diplomatic process that keeps détente going.

The latest aggravation of international tension resulting from the Soviet invasion of Afghanistan was followed by the suspension of bilateral strategic arms limitation talks between the USA and the USSR. The arms race accelerates as plans proceed for the deployment of American medium-range missiles in Europe and forward-based US nuclear arms, as a counterforce to Soviet modernized mobile missiles of the SS20 type. Extreme caution, however, distinguishes the present phase of East-West relations, exacerbated by the invasion of Afghanistan, the recurrent Polish crisis and the acceleration of the arms race on both sides.

This restraint indicates that there now exists since the Helsinki Declaration on Security and Cooperation in Europe of 1975 a kind of balance of power, however

precarious. Theoretically, Europe could be a vortex of turbulence threatening world war now, as in the past. A divided Germany lies at the heart of a divided continent, with a divided Berlin at its core. To the east are authoritarian regimes led by Communist parties dedicated to centralized economic control and exercising a monopoly of political power. To the west are open pluralist regimes, with market economies. Each side distrusts the other and rejects its ideology.

This mutual distrust between East and West undoubtedly stimulates the arms race, causing excessive and ever-increasing military expenditure in which Canada participates, both as a member of NORAD as well as of NATO. The biggest concentration of weapons of all kinds, including nuclear weapons, is centred in Europe and there is a danger of a further build-up in this area unless there is some progress in arms limitation negotiations, leading to disarmament. One of the chief enemies of disarmament is the sense of resignation and traditional acceptance by the public that accompanies large defence spending, while the dangers of nuclear war constantly mount. These dangers are analyzed at length in a book recently published by the University of Toronto Press, *The Dangers of Nuclear War*, based on a Pugwash Symposium in Toronto in 1978.

The basic dilemma is that the issues debated in international talks — strategic arms limitation, balanced force reduction, the nuclear test ban, measures against nuclear proliferation — all move forward extremely slowly, while the technology of armaments propels the arms race with ever increasing momentum. This process of "modernization", justified by the experts as necessary to keep the deterrent "credible", subordinates the human factor to technological developments. Exchanges between armaments experts, aided by diplomats, attempt to reach binding and policeable agreements on these

highly technical issues, with the inherent danger that politics becomes the captive of technological developments. In this sense we do tend to pay lip-service to disarmament and arms limitation, in disregard of our real security interests.

A corrective of this public apathy lies in a greater awareness of the dangers implicit in nuclear weapons on the part of the general public. In particular, in the event of nuclear warfare breaking out between the two superpowers, it is the civilians in Canada who stand to suffer most, especially from fall-out. Mass destruction weapons are essentially weapons of terror that do not discriminate between civilian and military targets.

In order that there should be a more balanced understanding of what constitutes international security in the modern sense, there should be programs of public education on arms limitation and disarmament as well as on "strategic studies" in Canadian universities. A plea of ignorance will not help survival in the event that the deterrence of war fails. As each side in the East-West competition strives to make its deterrence more "credible", weapons of ever greater accuracy and more destructive throw-weight threaten the stability of the deterrent and hence increase the danger of nuclear warfare breaking out.

Various Canadian research and education initiatives in arms limitation and disarmament are required to increase the level of public understanding of this vital issue and are under consideration. Matching grants should be available for research at universities, non-governmental organizations, churches, and trade unions so that the information available to the public on this issue so vital to its very survival is not skewed in favour of ever increasing defence expenditures as the only apparent source of international security.

The Secretary-General of the United Nations, Kurt Waldheim, has suggested

that the diversion of a mere 0.05 percent of current defence spending to various types of peace research would yield millions and possibly produce new ideas and initiatives in arms limitation and disarmament, which, if balanced and subject to verification, would result in a greater measure of security for all.

In order to focus the attention of our parliamentarians on this more balanced approach to security, I have suggested that a research panel should be set up by the federal government which would conduct research (similar and parallel to the Defence Research Board) under the direction of an advisory council of 10 knowledgeable citizens — one from each province — appointed by the government. This council would report annually to the Standing Committee on External Affairs and National Defence. The advisory council would decide what questions needed to be researched at any given time, in consultation with both departments and the research panel. The advisory council would meet at least four times a year. Their expenses would be paid for, but otherwise the councillors would not receive remuneration, while the research panelists would be regular officials of the two departments, or scientists specially seconded from universities for this purpose. Research could also be "farmed out" to universities and private industry.

Some vital questions which should be considered by the advisory council, and eventually by our legislators, are the following:

- (1) Should the use of nuclear weapons be banned?
- (2) How can non-nuclear weapon states, non-parties to the Non-Proliferation Treaty, be persuaded to accept the same safeguards developed by the International Atomic Energy Authority Safeguards Committee for non-nuclear weapon states that sign the treaty?
- (3) What is to be done with existing stockpiles, and to ensure the cut-off and disposal of the surplus of fissionable material now being employed for bomb-making?
- (4) What new international institutions or world authority, including the strengthening of the United Nations, are required to give effect to the will of people everywhere that they should not continue to live under the threat of nuclear annihilation?
- (5) What measures of conventional disarmament, regional or global, should Canada propose?
- (6) What feasible and desirable measures of arms limitations and disarmament could be proposed for the Arctic region consistent with the maintenance of a military equilibrium between the USA and the USSR?
- (7) What should Canada's contribution be to the defence of the European region of our NATO alliance, in the event of a new equilibrium emerging there as a result of Mutual and Balanced Force Reductions agreements?

Finally, I should mention that anyone interested in these and related issues should be aware that an arms limitation and disarmament group meets regularly at the University in the offices of the Canadian Institute for International Affairs. A further opportunity to become better informed on the scientific and technological issues involved will be offered Jan. 3 to Jan. 8 when the American Association for the Advancement of Science holds its annual convention at the Royal York and Sheraton Centre. These meetings will include discussions of arms limitation and disarmament, to which the public is invited.

George Ignatieff will be installed as Chancellor of the University of Toronto on Nov. 26.

Forum

Dismayed that teaching ignored

In the *Bulletin* of Oct. 20, Dean Slemon wrote at some length on the criteria used in tenure and promotion decisions. It dismayed me, however, to find that he did not even mention effectiveness in teaching once in the entire article. In fact he went on to say that, "it is well known that tenure and promotion within the University are achieved, almost universally, on the basis of demonstrated excellence in research". Then he later stated that "the currently accepted 'rules of the game' strongly favour emphasis on research as the pre-emptive criteria".

Since I have never sat on a tenure or promotion committee, and since Dean Slemon undoubtedly has, I must accept his assessment of the criteria currently used by these committees. This assessment is a disappointing one. I now must conclude that all the fine words regarding

the assessment of teaching effectiveness in the policies governing tenure and promotion are hollow. Unless there is someone on the committee who is determined to have it considered, then it is ignored.

I do not deny the importance of research as a criterion for tenure and promotion committees. Also, like Dean Slemon, I see professional practice as a valid criterion. But, until it is assured that there is a member of these committees whose interest is in seeing that the important criterion of teaching effectiveness is given weight, then the University's policy in this area will remain ineffective.

Paul W. Beame
Full-time undergraduate student
Governing Council

Teaching and tenure

The Forum article entitled, "The Professional's Progress" in the Oct. 20 edition of the *Bulletin* raises a valid concern. The current situation in assessing faculty, in practice, has inherent difficulties. Dean Slemon notes that professional practice needs to be more highly valued. This is true, for the University requires both scholarly research to develop understanding and generalizations and practice and service to provide leadership for the use that is made of the understanding and the principles for action. Research and theory should guide and direct practice but practice may guide and direct research and theory.

Dean Slemon has, however, overlooked a vital criterion. He has failed to mention teaching. Accomplishments in teaching are equally important in judging the attain-

ment of tenure and promotion. In the area of teaching as in the area of professional practice, structures of evaluation are required. The Academic Affairs Committee currently has on its agenda for this year discussion of guidelines for evaluating teaching. Student groups such as the Arts & Science Students' Union are very concerned about how teaching is evaluated. Research on evaluating teaching has been undertaken and can provide a base for developing a sound evaluation system.

The effectiveness of a system for assessing the progress of faculty requires equal concern for three elements — research, professional practice and teaching.

Lee Davies
Educational Consultant
Educational Development

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Hours: Monday through Friday 12 noon - 2 p.m. and 5 p.m. - 8 p.m.

Address finds a home



In 1927, Alan King-Hamilton came to Toronto from London, Eng., to attend the Centenary celebrations at U of T. He came on behalf of the Cambridge Union Society, of which he was immediate past president.

He brought with him an address to deliver at the celebrations, but owing to a hectic schedule of activities during his stay, he was not on campus when the address was to have been delivered.

Upon his arrival in New York to begin a debating tour of the US, he discovered he still had the address destined for U of T in his suitcase. Again, the hectic pace of his tour caused him to overlook sending

the address to the University, so when he returned to England he decided to hang on to it in case he visited Canada again.

This he has done, some 50 years later. Now His Honour Alan King-Hamilton QC, having retired at the end of 1979 after 16 years as a judge at the Old Bailey in London, he and his wife recently visited Toronto, bringing the address with them. A delighted Richard Alway, warden of Hart House (above, right) accepted the address from King-Hamilton on behalf of the University.

Classified

A classified ad costs \$5 for up to 35 words and \$.25 for each additional word. Your name counts as one word as does your phone number, but the components of your address will each be counted as a word.

A cheque or money order payable to University of Toronto must accompany your ad.

Ads must be submitted in writing, 10 days before *Bulletin* publication date, to Marion de Courcy-Ireland, Information Services, 45 Willcocks St. Ads will not be accepted over the phone.

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Beaches, large charming two-bedroom, two storey apartment with walk-out to roof. Broadloomed, parking, near lake on Queen car line. Furnished or unfurnished as desired. Available from December 21st. Phone 690-0607 after 6.

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